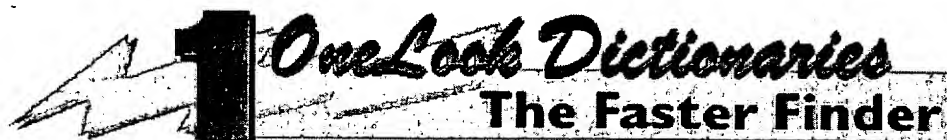


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### Medical

1. Dictionary of Cancer Terms -includes definition (English), phonic pronunciation (164KB, indexed 22Jun2002)  
Thanks to National Cancer Institute
  1. [non-small cell lung cancer](#)[To home page of this dictionary\(31KB\)](#)

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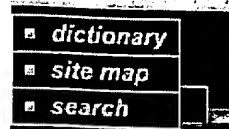
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## Cancer.gov Dictionary

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### N

#### N-acetylcysteine

An antioxidant drug that may keep cancer cells from developing or reduce the risk of growth of existing cancer.

#### N-acetyldinaline

A substance that is being studied as an anticancer drug in the treatment of non-small cell lung cancer. Also called CI-994.

#### naloxone

A substance that is being studied as a treatment for constipation caused by narcotic medications. It belongs to the family of drugs called narcotic antagonists.

#### narcotic

An agent that causes insensibility or stupor; usually refers to opioids given to relieve pain.

#### nasal

By or having to do with the nose.

#### nasopharynx (NAY-zo-fair-inks)

The upper part of the throat behind the nose. An opening on each side of the nasopharynx leads into the ear.

#### National Cancer Institute

NCI. The National Cancer Institute, part of the National Institutes of Health of the United States Department of Health and Human Services, is the Federal Government's principal agency for cancer research. NCI conducts, coordinates, and funds cancer research, training, health information dissemination, and other programs with respect to the cause, diagnosis, prevention, and treatment of cancer. Access the NCI Web site at <http://cancer.gov>.

#### National Institutes of Health

NIH. The National Institutes of Health, the focal point of biomedical research in the United States, conducts research in its own laboratories; supports the research of non-Federal scientists in universities, medical schools, hospitals, and research institutions throughout the country and abroad; helps

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**nitrosourea** as (nye-TRO-so-yoo-REE-ahz)

A group of anticancer drugs that can cross the blood-brain barrier. Carmustine and lomustine are nitrosoureas.

**NK cells**

Natural killer cells. A type of white blood cell that contains granules with enzymes that can kill tumor cells or microbial cells. Also called large granular lymphocytes.

**NMRI**

Nuclear magnetic resonance imaging. A procedure in which a magnet linked to a computer is used to create detailed pictures of areas inside the body.

**node-negative**

Cancer that has not spread to the lymph nodes.

**node-positive**

Cancer that has spread to the lymph nodes.

**nodular parenchyma**

A small mass of tissue within a gland or organ that carries out the specialized functions of the gland or organ.

**nodule** (NOD-yool)

A growth or lump that may be cancerous or noncancerous.

**nolatrexed**

An anticancer drug that belongs to the family of drugs called thymidylate synthase inhibitors. Also called AG337.

**non-Hodgkin's lymphoma**

A group of cancers of the lymphoid system, including acute lymphoblastic leukemia, B-cell lymphoma, Burkitt's lymphoma, diffuse cell lymphoma, follicular lymphoma, immunoblastic large cell lymphoma, lymphoblastic lymphoma, mantle cell lymphoma, mycosis fungoides, post-transplantation lymphoproliferative disorder, small non-cleaved cell lymphoma, and T-cell lymphoma.

**non-small cell lung cancer**

A group of lung cancers that includes squamous cell carcinoma, adenocarcinoma, and large cell carcinoma.

**nonblinded**

Describes a clinical trial or other experiment in which the researchers know what treatments are being given to each study subject or experimental group. If human subjects are involved, they know what treatments they are receiving.

**nonconsecutive cases**

A clinical study that includes some, but not all, of the eligible patients identified by the researchers during the study

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Logon file405 13mar01 12:14:51

KWIC is set to 50.

HIGHLIGHT set on as '\*'

PICKS is set ON as an alias for 5,55,159,143,358,340,344,348,351,352,447,72,73,154,155,349.

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SYSTEM:HOME

Menu System II: D2 version 1.7.8 term=ASCII

\*\*\* DIALOG HOMEBASE(SM) Main Menu \*\*\*

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2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/L = Logoff

/NOMENU = Command Mode

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>>> 352 is unauthorized

>>>2 of the specified files are not available

13mar01 12:15:15 User243038 Session D56.1

\$0.00 0.230 DialUnits FileHomeBase

\$0.00 Estimated cost FileHomeBase

\$0.02 TYMNET

\$0.02 Estimated cost this search

\$0.02 Estimated total session cost 0.230 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2001/Mar W1

(c) 2001 BIOSIS

File 55:Biosis Previews(R) 1993-2001/Mar W1

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 File 159:Cancerlit 1975-2000/Nov  
 (c) format only 2000 Dialog Corporation  
**\*File 159: 12/2000, 01/2001, and 02/2001 updates are not yet available**  
 due to National Cancer Institute's delay in receiving the source data.  
 File 143:Biol. & Agric. Index 1983-2001/Feb  
 (c) 2001 The HW Wilson Co  
 File 358:Current BioTech Abs 1983-2000/Aug  
 (c) 2001 DECHEMA  
**\*File 358: Updates delayed. Please see HELP NEWS 358 for details.**  
 File 340:CLAIMS(R)/US PATENT 1950-01/Mar 06  
 (c) 2001 IFI/CLAIMS(R)  
**\*File 340: Price changes as of 1/1/01. Please see HELP RATES 340.**  
 File 344:CHINESE PATENTS ABS APR 1985-2001/Feb  
 (c) 2001 EUROPEAN PATENT OFFICE  
 File 348:EUROPEAN PATENTS 1978-2001/Feb W04  
 (c) 2001 European Patent Office  
 File 447:IMSWorld Patents International 2001/Feb  
 (c) 2001 IMSWorld Publ. Ltd.  
 File 72:EMBASE 1993-2001/Mar W1  
 (c) 2001 Elsevier Science B.V.  
**\*File 72: For information about Explode feature please**  
 see Help News72.  
 File 73:EMBASE 1974-2001/Mar W1  
 (c) 2001 Elsevier Science B.V.  
**\*File 73: For information about Explode feature please**  
 see Help News73.  
 File 154:MEDLINE(R) 1993-2000/Dec W4  
 (c) format only 2000 Dialog Corporation  
**\*File 154: Further to NLM notification, Medline updating is expected**  
 to resume in March 2001. For other NLM information see Help News154.  
 File 155:MEDLINE(R) 1966-2000/Dec W4  
 (c) format only 2000 Dialog Corporation  
**\*File 155: Further to NLM notification, Medline updating is expected**  
 to resume in March 2001. For other NLM information see Help News155.  
 File 349:PCT Fulltext 1983-2001/UB=20010308, UT=20010222  
 (c) 2001 WIPO/MicroPat

Set	Items	Description
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S1	70	METASTATIC CELL?
?s	s1 and sv40	
	70	S1
	57270	SV40
S2	0	S1 AND SV40
?s	s1 and immortaliz?	
	70	S1
	42060	IMMORTALIZ?
S3	0	S1 AND IMMORTALIZ?
?s	s1 and spread?	
	70	S1
	371913	SPREAD?
S4	6	S1 AND SPREAD?

?rd  
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 >>>Duplicate detection is not supported for File 447.  
 >>>Duplicate detection is not supported for File 349.  
 >>>Records from unsupported files will be retained in the RD set.  
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 S5 3 RD (unique items)  
 ?t s5/all  
 >>>'ALL' not allowed as format type  
 ?t s5/5/all

5/5/1 (Item 1 from file: 5)  
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12230244 BIOSIS NO.: 199900525093

**Protein phosphatase-2A associates with the cytoskeleton to maintain cell  
\*spreading\* and reduced motility of nonmetastatic Lewis lung carcinoma  
cells: The loss of this regulatory control in metastatic cells.**

AUTHOR: Jackson Jodi; Meisinger Jeremy; Patel Snehal; Lim Zenia C; Vellody  
Kishore; Metz Raymond; Young M Rita I(a)

AUTHOR ADDRESS: (a) Res. Serv., Hines V.A. Hosp., Hines, IL 60141\*\*USA

JOURNAL: Invasion & Metastasis 17 (4):p199-209 July-Aug., 1997

ISSN: 0251-1789

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

**ABSTRACT:** Metastatic Lewis lung carcinoma (LLC-LN7) variants have previously been shown to have reduced levels of protein phosphatase-2A (PP-2A) activity as compared to the nonmetastatic LLC-C8 cells. The present study showed that inhibition of PP2A in the nonmetastatic LLC-C8 cells caused a rapid change from a \*spread\* to a rounded morphology and increased their in vitro invasiveness through laminin. In contrast, the metastatic LLC-LN7 cells were rounded and invasive, which was not affected by inhibition of PP-2A. To determine whether these differences could be attributed to alterations in PP-2A association with the cytoskeleton, the extent of PP-2A colocalization with microtubules was tested. Immunostaining for tubulin showed prominent filamentous fibers in nonmetastatic LLC-C8 cells and small foci of PP-2A immunostaining along these microtubules. In contrast, the tubulin staining was diffuse throughout the metastatic LLC-LN7 cells and there was little evidence of association with PP-2A. Western blot analyses showed that this reduced level of PP-2A association with microtubules in metastatic LLC-LN7 cells was not due to differences in levels of the PP-2A subunits. Instead, it may be due to the reduced association of the subunits into the heterotrimeric form of the PP-2A holoenzyme. These studies show the importance of PP-2A in maintaining a \*spread\* morphology and in restricting invasiveness, and a loss of this regulatory control in metastatic cells. This loss of PP-2A regulatory control in metastatic cells may be due to a reduction in the trimeric form of the PP-2A holoenzyme.

**DESCRIPTORS:**

MAJOR CONCEPTS: Tumor Biology

BIOSYSTEMATIC NAMES: Muridae--Rodentia, Mammalia, Vertebrata, Chordata, Animalia

ORGANISMS: LLC-C-8 cell line (Muridae)--cell \*spreading\*, \*metastatic\* cell \*spreading\* control loss, reduced nonmetastatic cell motility, mouse Lewis lung carcinoma cell line

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): Animals; Chordates; Mammals; Nonhuman Mammals; Nonhuman Vertebrates; Rodents; Vertebrates

CHEMICALS & BIOCHEMICALS: protein phosphatase 2A--cytoskeleton association

**CONCEPT CODES:**

24006 Neoplasms and Neoplastic Agents-Biochemistry

02506 Cytology and Cytochemistry-Animal

10508 Biophysics-Membrane Phenomena

10808 Enzymes-Physiological Studies

15008 Blood, Blood-Forming Organs and Body Fluids-Lymphatic Tissue and Reticuloendothelial System

16006 Respiratory System-Pathology

24005 Neoplasms and Neoplastic Agents-Neoplastic Cell Lines

10064 Biochemical Studies-Proteins, Peptides and Amino Acids

12100 Movement (1971- )

32500 Tissue Culture, Apparatus, Methods and Media

**BIOSYSTEMATIC CODES:**

5/5/2 (Item 2 from file: 5)  
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11938287 BIOSIS NO.: 199900184396

**Differential gene expression associated with suppression of metastatic melanoma cell \*spreading\* and proliferation on adhesion-restrictive substrates.**

AUTHOR: Rieber Manuel(a); Welch Danny R; Rieber Mary Strasberg(a)  
AUTHOR ADDRESS: (a)IVIC, Tumor Cell Biol., Apartado 21827, Caracas 1020 A\*\*  
Venezuela

JOURNAL: Proceedings of the American Association for Cancer Research Annual Meeting 40p74 March, 1999

CONFERENCE/MEETING: 90th Annual Meeting of the American Association for Cancer Research Philadelphia, Pennsylvania, USA April 10-14, 1999

SPONSOR: American Association for Cancer Research

ISSN: 0197-016X

RECORD TYPE: Citation

LANGUAGE: English

DESCRIPTORS:

MAJOR CONCEPTS: Molecular Genetics (Biochemistry and Molecular Biophysics); Tumor Biology

BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata, Animalia

ORGANISMS: C8161 cell line (Hominidae)--adhesion restrictive substrate culture, cell proliferation suppression, \*metastatic cell spreading suppression\*, \*human mel\*anoma cell line

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): Animals; Chordates; Humans; Mammals; Primates; Vertebrates

CHEMICALS & BIOCHEMICALS: KiSS-1 gene (Hominidae)--chromosome 6 localization, differential tumor cell expression, metastatic tumor cell \*spreading\* suppression association, tumor cell proliferation suppression association, gene therapy mechanism

MISCELLANEOUS TERMS: Meeting Abstract

CONCEPT CODES:

24008 Neoplasms and Neoplastic Agents-Therapeutic Agents; Therapy  
02508 Cytology and Cytochemistry-Human  
03508 Genetics and Cytogenetics-Human  
15008 Blood, Blood-Forming Organs and Body Fluids-Lymphatic Tissue and Reticuloendothelial System  
24005 Neoplasms and Neoplastic Agents-Neoplastic Cell Lines  
00520 General Biology-Symposia, Transactions and Proceedings of Conferences, Congresses, Review Annuals  
10508 Biophysics-Membrane Phenomena  
12100 Movement (1971- )  
12512 Pathology, General and Miscellaneous-Therapy (1971- )  
25508 Developmental Biology-Embryology-Morphogenesis, General  
32500 Tissue Culture, Apparatus, Methods and Media

BIOSYSTEMATIC CODES:

86215 Hominidae

5/5/3 (Item 3 from file: 5)  
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11780775 BIOSIS NO.: 199900026884

**An in vivo/in vitro experimental model system for the study of human osteosarcoma: Canine osteosarcoma cells (COS31) which retain osteoblastic and metastatic properties in nude mice.**

AUTHOR: Shoieb Ahmed M; Hahn Kevin A(a); Barnhill Mary A

AUTHOR ADDRESS: (a)Dep. Comparative Med., Coll. Vet. Med., Univ. Tenn.,  
Knoxville, TN 37901-1071\*\*USA

JOURNAL: In Vivo (Attiki) 12 (5):p463-472 Sept.-Oct., 1998

ISSN: 0258-851X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

**ABSTRACT:** Background: In this report we describe the establishment, characterization, and research utility of a cell line derived from a dog having a spontaneously occurring osteosarcoma. Materials and Methods: Tumor samples were collected from a dog with a naturally occurring osteosarcoma and processed for light microscopy, electron microscopy, immunocytochemistry, immunohistochemistry, karyology, and cell culture. Established cells from passage 31 (COS31; canine Osteosarcoma cells from passage 31) were inoculated subcutaneously between the scapula and in the light abdominal side of athymic nude mice and evaluated similarly. Results: COS31 cells derived in cell culture and in nude mice had morphological and biochemical properties comparable in all respects to the original canine tumor specimen. Conclusions: The ability of COS31 cells to produce tumors in nude mice (i.e. a small animal model) typical of canine osteosarcoma (i.e. a large animal model) with a similar pathological and biological behavior (e.g. alkaline phosphatase and osteocalcin positive immunostaining, osteoid production, rapid growth, and wide \*spread\* metastases) demonstrates the potential utility of COS31 cells as a in vitro and in vivo model system in the development of new strategies in the treatment of human osteosarcoma.

**DESCRIPTORS:**

MAJOR CONCEPTS: Cell Biology; Skeletal System (Movement and Support);  
Tumor Biology

BIOSYSTEMATIC NAMES: Canidae--Carnivora, Mammalia, Vertebrata, Chordata,  
Animalia; Muridae--Rodentia, Mammalia, Vertebrata, Chordata, Animalia

ORGANISMS: mouse (Muridae)--nude; COS31 cell line (Canidae)--canine  
osteosarcoma cells

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): Animals; Carnivores; Chordates  
; Mammals; Nonhuman Mammals; Nonhuman Vertebrates; Rodents; Vertebrates

DISEASES: osteosarcoma--bone disease, in-vitro experimental model system,  
in-vivo experimental model system, neoplastic disease

MISCELLANEOUS TERMS: \*metastatic cell properties\*; osteoblastic cell  
properties

ALTERNATE INDEXING: Osteosarcoma (MeSH)

**CONCEPT CODES:**

24002 Neoplasms and Neoplastic Agents-General

02506 Cytology and Cytochemistry-Animal

18001 Bones, Joints, Fasciae, Connective and Adipose Tissue-General;  
Methods

**BIOSYSTEMATIC CODES:**

85765 Canidae

86375 Muridae

?s epithelial cell?

S6 25029 EPITHELIAL CELL?

?s s6 and s1

25029 S6

70 S1

S7 0 S6 AND S1

?s s1 and breast

70 S1

685957 BREAST

S8 14 S1 AND BREAST

?rd

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S9 7 RD (unique items)



?t s9/5/all

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12289260 BIOSIS NO.: 200000047127

**Phosphatidic acid enhances metastatic migration of \*breast\* cancer cells.**

AUTHOR: Sliva Daniel(a); Mason Rebekah(a); English Denis(a)

AUTHOR ADDRESS: (a)Experimental Cell Research Program, The Methodist  
Research Institute, Indianapolis, IN\*\*USA

JOURNAL: Blood 94 (10 SUPPL. 1 PART 2):p76b Nov. 15, 1999

CONFERENCE/MEETING: Forty-first Annual Meeting of the American Society of  
Hematology New Orleans, Louisiana, USA December 3-7, 1999

SPONSOR: The American Society of Hematology

ISSN: 0006-4971

RECORD TYPE: Citation

LANGUAGE: English

REGISTRY NUMBERS: 26993-30-6: SPHINGOSINE 1-PHOSPHATE

DESCRIPTORS:

MAJOR CONCEPTS: Biochemistry and Molecular Biophysics; Tumor Biology

BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata,  
Animalia

ORGANISMS: MCF-7 cell line (Hominidae)--human \*breast\* cancer cell;

MDA-MB-231 cell line (Hominidae)--human \*breast\* cancer cell

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): Animals; Chordates; Humans;  
Mammals; Primates; Vertebrates

DISEASES: \*breast\* cancer--\*metastatic cell migration\*, neoplastic  
disease, reproductive system disease/female

CHEMICALS & BIOCHEMICALS: lipid phosphate messenger; phosphatidic acid;  
sphingosine 1-phosphate

MISCELLANEOUS TERMS: cellular process--receptor driven; metastatic  
potential; Meeting Abstract

ALTERNATE INDEXING: \*Breast\* Neoplasms (MeSH)

CONCEPT CODES:

24002 Neoplasms and Neoplastic Agents-General

02508 Cytology and Cytochemistry-Human

10060 Biochemical Studies-General

16501 Reproductive System-General; Methods

00520 General Biology-Symposia, Transactions and Proceedings of  
Conferences, Congresses, Review Annuals

BIOSYSTEMATIC CODES:

86215 Hominidae

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11299024 BIOSIS NO.: 199800080356

**Induction of apoptosis of metastatic mammary carcinoma cells in vivo by  
disruption of tumor cell surface CD44 function.**

AUTHOR: Yu Qin; Toole Bryan P; Stamenkovic Ivan(a)

AUTHOR ADDRESS: (a)Mol. Pathol. Unit, MGH Cancer Cent., Mass. General  
Hosp., 149 13th St., Charlestown Navy Yard, B\*\*USA

JOURNAL: Journal of Experimental Medicine 186 (12):p1985-1996 Dec. 15,  
1997

ISSN: 0022-1007

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: To understand how the hyaluronan receptor CD44 regulates tumor  
metastasis, the murine mammary carcinoma TA3/St, which constitutively  
expresses cell surface CD44, was transfected with cDNAs encoding soluble  
isoforms of CD44 and the transfectants (TA3sCD44) were compared with  
parental cells (transfected with expression vector only) for growth in

vivo and in vitro. Local release of soluble CD44 by the transfectants inhibited the ability of endogenous cell surface CD44 to bind and internalize hyaluronan and to mediate TA3 cell invasion of hyaluronan-producing cell monolayers. Mice intravenously injected with parental TA3/St cells developed massive pulmonary metastases within 21-28 d, whereas animals injected with TA3sCD44 cells developed few or no tumors. Tracing of labeled parental and transfectant tumor cells revealed that both cell types initially adhered to pulmonary endothelium and penetrated the interstitial stroma. However, although parental cells were dividing and forming clusters within lung tissue 48 h following injection, >80% of TA3sCD44 cells underwent apoptosis. Although sCD44 transfectants displayed a marked reduction in their ability to internalize and degrade hyaluronan, they elicited abundant local hyaluronan production within invaded lung tissue, comparable to that induced by parental cells. These observations provide direct evidence that cell surface CD44 function promotes tumor cell survival in invaded tissue and that its suppression can induce apoptosis of the invading tumor cells, possibly as a result of impairing their ability to penetrate the host tissue hyaluronan barrier.

REGISTRY NUMBERS: 9004-61-9: HYALURONAN

DESCRIPTORS:

MAJOR CONCEPTS: Reproductive System (Reproduction); Tumor Biology

BIOSYSTEMATIC NAMES: Muridae--Rodentia, Mammalia, Vertebrata, Chordata, Animalia

ORGANISMS: mouse (Muridae)

ORGANISMS: PARTS ETC: mammary carcinoma cells--apoptosis, reproductive system, \*metastatic cells\*

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): Animals; Chordates; Mammals; Nonhuman Mammals; Nonhuman Vertebrates; Rodents; Vertebrates

DISEASES: \*breast\* cancer--neoplastic disease, reproductive system disease/female

CHEMICALS & BIOCHEMICALS: hyaluronan receptor; CD44--expression

MISCELLANEOUS TERMS: extracellular matrix

CONCEPT CODES:

24004 Neoplasms and Neoplastic Agents-Pathology; Clinical Aspects; Systemic Effects

02506 Cytology and Cytochemistry-Animal

10506 Biophysics-Molecular Properties and Macromolecules

10508 Biophysics-Membrane Phenomena

12510 Pathology, General and Miscellaneous-Necrosis (1971- )

16506 Reproductive System-Pathology

10064 Biochemical Studies-Proteins, Peptides and Amino Acids

BIOSYSTEMATIC CODES:

86375 Muridae

9/5/3 (Item 3 from file: 5)

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11280948 BIOSIS NO.: 199800062280

**Use of magnetic activated cell sorting for detection of minimal residual tumor cells in bone marrow of patients with \*breast\* cancer.**

AUTHOR: Hempel D(a); Mueller P; Oruzio D; Ehnle S; Finkel M; Schlimok G

AUTHOR ADDRESS: (a) Central Hosp. Augsburg, II. Med. Klinik, Stenglinstr. 2, 86156 Augsburg\*\*Germany

JOURNAL: Blood 90 (10 SUPPL. 1 PART 2):p380B Nov. 15, 1997

CONFERENCE/MEETING: Thirty-ninth Annual Meeting of the American Society of Hematology San Diego, California, USA December 5-9, 1997

SPONSOR: The American Society of Hematology

ISSN: 0006-4971

RECORD TYPE: Citation

LANGUAGE: English

DESCRIPTORS:

MAJOR CONCEPTS: Blood and Lymphatics (Transport and Circulation); Immune System (Chemical Coordination and Homeostasis); Reproductive System

(Reproduction); Tumor Biology  
 BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata, Animalia  
 ORGANISMS: human (Hominidae)--patient  
 ORGANISMS: PARTS ETC: bone marrow--blood and lymphatics, \*metastatic cells\*, immune system; MNC {mononuclear cells}--blood and lymphatics, immune system  
 BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): Animals; Chordates; Humans; Mammals; Primates; Vertebrates  
 DISEASES: \*breast\* cancer--neoplastic disease, reproductive system disease/female; minimal residual disease--neoplastic disease  
 CHEMICALS & BIOCHEMICALS: A45B-B3--monoclonal antibody fragment; HEA--monoclonal antibody  
 METHODS & EQUIPMENT: immunocytochemistry--detection method, sensitivity; magnetic activated cell sorting--detection method, sensitivity  
 MISCELLANEOUS TERMS: Meeting Abstract  
 CONCEPT CODES:  
 24002 Neoplasms and Neoplastic Agents-General  
 02508 Cytology and Cytochemistry-Human  
 10060 Biochemical Studies-General  
 15001 Blood, Blood-Forming Organs and Body Fluids-General; Methods  
 16501 Reproductive System-General; Methods  
 34502 Immunology and Immunochemistry-General; Methods  
 00520 General Biology-Symposia, Transactions and Proceedings of Conferences, Congresses, Review Annuals  
 BIOSYSTEMATIC CODES:  
 86215 Hominidae

9/5/4 (Item 4 from file: 5)  
 DIALOG(R) File 5:Biosis Previews(R)  
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10612768 BIOSIS NO.: 199699233913

**Reverse transcriptase-polymerase chain reaction for prostate-specific antigen may be a prognostic indicator in \*breast\* cancer.**

AUTHOR: Lehrer S(a); Terk M; Piccoli S P; Song H K; Lavagnini P; Luderer A A

AUTHOR ADDRESS: (a)Radiation Oncol., Box 1236, Mount Sinai Med. Cent., New York, NY 10029\*\*USA

JOURNAL: British Journal of Cancer 74 (6):p871-873 1996

ISSN: 0007-0920

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Among women with node-negative \*breast\* cancer and small turnouts, it is important to identify those with turnouts that will recur, so that they may receive adjuvant therapy, while sparing those with turnouts that will not recur the hazards of adjuvant treatment. A reverse transcriptase-polymerase chain reaction (RT-PCR) for prostate-specific antigen (PSA) may be used to identify circulating metastatic cells in patients with prostate cancer. Approximately 30% of \*breast\* cancer cells also produce PSA. Therefore, we tested the PSA RT-PCR assay on blood specimens from women with \*breast\* cancer. We evaluated 78 women at Mount Sinai Medical Center with histologically confirmed \*breast\* cancer. Venous blood (5 CM-3) from the women was collected in ethylene diaminetetraacetic acid (EDTA)-treated collection tubes and approximately 400 ng of RNA from each sample was subjected to an RT-PCR. We were able to detect the amplified PSA fragment in 18 of 78 women with \*breast\* cancer; 7 of the 18 women with the PSA fragment had localized, small, node-negative tumours, both oestrogen receptor (ER) positive and ER negative. We could not detect the amplified PSA fragment in 20 normal women and 22 normal men. We conclude that PSA RT-PCR may be a useful method for determining the presence of circulating metastatic cells in some women with node-negative \*breast\* cancer, and therefore the potential for these women to develop recurrent disease and thus benefit

from adjuvant therapy.

DESCRIPTORS:

MAJOR CONCEPTS: Immune System (Chemical Coordination and Homeostasis);  
Oncology (Human Medicine, Medical Sciences); Reproductive System  
(Reproduction)

BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata,  
Animalia

ORGANISMS: human (Hominidae)

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): animals; chordates; humans;  
mammals; primates; vertebrates

MISCELLANEOUS TERMS: ADJUVANT THERAPY; ANALYTICAL METHOD; \*BREAST\*  
CANCER; FEMALE; \*METASTATIC CELLS\*; NEOPLASTIC DISEASE; NODE-NEGATIVE;  
ONCOLOGY; PATIENT; PROGNOSTIC FACTOR; PROGNOSTIC METHOD;  
PROSTATE-SPECIFIC ANTIGEN; RECURRING TUMORS; REPRODUCTIVE SYSTEM  
DISEASE/FEMALE; REVERSE TRANSCRIPTASE-POLYMERASE CHAIN REACTION; RNA;  
THERAPEUTIC METHOD; VENOUS BLOOD

CONCEPT CODES:

16501 Reproductive System-General; Methods  
24002 Neoplasms and Neoplastic Agents-General  
34502 Immunology and Immunochemistry-General; Methods

BIOSYSTEMATIC CODES:

86215 Hominidae

9/5/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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10015756 BIOSIS NO.: 199598470674

**Human peri-tumoral and lung fibroblasts produce paracrine motility factors  
for recently established human sarcoma cell strains.**

AUTHOR: Hu Mei; Pollock Raphael E; Nakamura Toshikazu; Nicolson Garth L(a)

AUTHOR ADDRESS: (a)Dep. Tumor Biol., Box 108, Univ. Texas M.D. Anderson  
Cancer Cent., 1515 Holcombe Blvd., Houston,\*\*USA

JOURNAL: International Journal of Cancer 62 (5):p585-592 1995

ISSN: 0020-7136

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Paracrine motogenic cytokines secreted by normal cells can stimulate metastatic cell invasion. For example, human fibroblasts secrete hepatocyte growth factor/scatter factor (HGF/SF), which stimulates paracrine migration of epithelial and certain carcinoma cells, and migration-stimulating factor (MSF), which stimulates autocrine migration of fibroblasts from certain \*breast\* carcinomas. We found that human peri-tumoral and lung fibroblasts secrete motility-stimulating activity for several recently established human sarcoma cell strains. Motility of lung metastasis-derived SYN-1 sarcoma cells was preferentially stimulated by human lung and peri-tumoral fibroblast motility-stimulating factors (FMSFs). FMSFs were non-dialyzable, susceptible to trypsin and sensitive to dithiothreitol. Cycloheximide inhibited accumulation of FMSF activity in conditioned medium; however, addition of cycloheximide to the migration assay did not significantly affect motility-stimulating activity. Purified HGF/SF, rabbit anti-hHGF and RT-PCR analysis of peri-tumoral and lung fibroblast HGF/SF mRNA expression indicated that FMSF activity was unrelated to HGF/SF. Partial purification of FMSF by gel exclusion chromatography revealed several peaks of activity, suggesting multiple FMSF molecules or complexes. Since human soft tissue sarcomas have a distinctive hematogenous metastatic pattern (predominantly lung), FMSF may play a role in this process independent of HGF/SF.

DESCRIPTORS:

MAJOR CONCEPTS: Cell Biology; Endocrine System (Chemical Coordination and Homeostasis); Oncology (Human Medicine, Medical Sciences); Physiology;

Pulmonary Medicine (Human Medicine, Medical Sciences); Reproductive System (Reproduction); Skeletal System (Movement and Support)  
BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata, Animalia

ORGANISMS: Hominidae (Hominidae)

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): animals; chordates; humans; mammals; primates; vertebrates

MISCELLANEOUS TERMS: \*BREAST\* CARCINOMA; FIBROBLAST

MOTILITY-STIMULATING FACTOR; HEPATIC GROWTH FACTOR; \*METASTATIC CELL

INVASION\*; MIGRATION-STIMULATING FACTOR; SCATTER FACTOR

CONCEPT CODES:

02508 Cytology and Cytochemistry-Human  
12100 Movement (1971- )  
16006 Respiratory System-Pathology  
16506 Reproductive System-Pathology  
17002 Endocrine System-General  
18006 Bones, Joints, Fasciae, Connective and Adipose Tissue-Pathology  
24004 Neoplasms and Neoplastic Agents-Pathology; Clinical Aspects; Systemic Effects  
10060 Biochemical Studies-General  
10064 Biochemical Studies-Proteins, Peptides and Amino Acids

BIOSYSTEMATIC CODES:

86215 Hominidae

9/5/6 (Item 6 from file: 5)

DIALOG(R) File 5:Biosis Previews(R)

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09710573 BIOSIS NO.: 199598165491

**Characterization of transferrin-like factor 3 and its expression analysis in metastatic \*breast\* cancer cells.**

AUTHOR: Jia L B; Cavanaugh P G; Nicolson G L

AUTHOR ADDRESS: Dep. Tumor Biol., The Univ. Tex. M.D. Anderson Cancer Cent., Houston, TX 75555\*\*USA

JOURNAL: Proceedings of the American Association for Cancer Research Annual Meeting 36 (0):p83 1995

CONFERENCE/MEETING: Eighty-sixth Annual Meeting of the American Association for Cancer Research Toronto, Ontario, Canada March 18-22, 1995

ISSN: 0197-016X

RECORD TYPE: Citation

LANGUAGE: English

DESCRIPTORS:

MAJOR CONCEPTS: Cell Biology; Development; Genetics; Metabolism; Oncology (Human Medicine, Medical Sciences)

BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata, Animalia

ORGANISMS: human (Hominidae)

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): animals; chordates; humans; mammals; primates; vertebrates

MISCELLANEOUS TERMS: DEVELOPMENT; GENE EXPRESSION; HOMEOSTASIS; MEETING ABSTRACT; \*METASTATIC CELL GROWTH\*; METASTATIC POTENTIAL; PARACRINE GROWTH FACTOR

CONCEPT CODES:

02508 Cytology and Cytochemistry-Human  
03508 Genetics and Cytogenetics-Human  
13012 Metabolism-Proteins, Peptides and Amino Acids  
13014 Metabolism-Nucleic Acids, Purines and Pyrimidines  
24004 Neoplasms and Neoplastic Agents-Pathology; Clinical Aspects; Systemic Effects  
24006 Neoplasms and Neoplastic Agents-Biochemistry  
25508 Developmental Biology-Embryology-Morphogenesis, General  
10062 Biochemical Studies-Nucleic Acids, Purines and Pyrimidines  
10064 Biochemical Studies-Proteins, Peptides and Amino Acids

BIOSYSTEMATIC CODES:

86215 Hominidae

9/5/7 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08526405 BIOSIS NO.: 199344076405

**Nm23 ("Anti-metastatic") gene protein expression in screen-detected carcinoma-in situ of the \*breast\*?**

AUTHOR: Stephenson T J(a); Royds J A(a); Rees R C; Shorthouse A J; Silcocks P B

AUTHOR ADDRESS: (a)Dep. Pathol., Univ. Sheffield Med. Sch., Beech Hill Rd., Sheffield S10 2RX\*\*K

JOURNAL: Journal of Pathology 169 (SUPPL.):p167A 1993

CONFERENCE/MEETING: 166th Meeting of the Pathological Society of Great Britain and Ireland London, England, UK January 6-8, 1993

ISSN: 0022-3417

RECORD TYPE: Citation

LANGUAGE: English

DESCRIPTORS:

MAJOR CONCEPTS: Cell Biology; Genetics; Metabolism; Oncology (Human Medicine, Medical Sciences); Reproductive System (Reproduction)

BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata, Animalia

ORGANISMS: human (Hominidae)

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): animals; chordates; humans; mammals; primates; vertebrates

MISCELLANEOUS TERMS: ABSTRACT; \*METASTATIC CELL LINE\*

CONCEPT CODES:

02508 Cytology and Cytochemistry-Human

03508 Genetics and Cytogenetics-Human

13014 Metabolism-Nucleic Acids, Purines and Pyrimidines

16506 Reproductive System-Pathology

24005 Neoplasms and Neoplastic Agents-Neoplastic Cell Lines

24006 Neoplasms and Neoplastic Agents-Biochemistry

00520 General Biology-Symposia, Transactions and Proceedings of Conferences, Congresses, Review Annuals

10062 Biochemical Studies-Nucleic Acids, Purines and Pyrimidines

BIOSYSTEMATIC CODES:

86215 Hominidae

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7 s9

42060 IMMORTALIZ?

S10 0 S9 AND IMMORTALIZ?

?ds

Set	Items	Description
S1	70	METASTATIC CELL?
S2	0	S1 AND SV40
S3	0	S1 AND IMMORTALIZ?
S4	6	S1 AND SPREAD?
S5	3	RD (unique items)
S6	25029	EPITHELIAL CELL?
S7	0	S6 AND S1
S8	14	S1 AND BREAST
S9	7	RD (unique items)
S10	0	S9 AND IMMORTALIZ?
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	226	PROSTATE CELL?
S11	0	S1 AND PROSTATE CELL?
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	252246	PROSTATE
S12	6	S1 AND PROSTATE

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13/5/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11788329 BIOSIS NO.: 199900034438

**Androgen-dependent gene expression of bone morphogenetic protein 7 in mouse  
\*prostate\*.**

AUTHOR: Thomas Regi; Anderson Winston A; Raman Venu; Reddi A Hari(a)  
AUTHOR ADDRESS: (a)Cent. Tissue Regeneration Repair, Dep. Orthopedic Surg.,  
Univ. Calif. Davis, 4635 Second Ave., R\*\*USA  
JOURNAL: Prostate 37 (4):p236-245 Dec. 1, 1998  
ISSN: 0270-4137  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

ABSTRACT: BACKGROUND. What is the molecular basis of the osteotrophic action of prostatic metastases? Demineralized bone matrix has the potential to induce new bone formation. The identification of bone morphogenetic proteins (BMPs) as the primary inducers of new bone formation in demineralized bone matrix has set the stage for studying \*prostate\* cancer-bone interrelationships. We have hypothesized that BMPs may be expressed in \*prostate\* and may be involved in the osteotrophic actions of metastatic \*prostate\* cancer cells. METHODS. Using polymerase chain reaction (PCR)-based quantitation, this study examined the presence of BMPs in mouse \*prostate\* and their potential regulation by orchidectomy and androgen replacement. RESULTS. BMP-7 and BMP-4 genes were expressed in mouse \*prostate\*. Quantitative PCR \*prostate\*. CONCLUSIONS. The regulated expression of BMP-7 mRNA in the \*prostate\* suggests that BMP-7 may explain in part the stimulation of bone formation and osteosclerosis by metastatic \*prostate\* adenocarcinoma.

REGISTRY NUMBERS: 58-22-0: TESTOSTERONE; 521-18-6: DIHYDROTESTOSTERONE  
DESCRIPTORS:

MAJOR CONCEPTS: Genetics; Reproductive System (Reproduction); Skeletal System (Movement and Support); Tumor Biology; Urinary System (Chemical Coordination and Homeostasis)

BIOSYSTEMATIC NAMES: Muridae--Rodentia, Mammalia, Vertebrata, Chordata, Animalia

ORGANISMS: mouse (Muridae)--male, strain-CD1

ORGANISMS: PARTS ETC: bone--new formation, skeletal system;  
demineralized bone matrix--skeletal system; \*prostate\*--reproductive system

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): Animals; Chordates; Mammals; Nonhuman Mammals; Nonhuman Vertebrates; Rodents; Vertebrates

DISEASES: osteosclerosis--bone disease; \*prostate\* cancer--\*metastatic cells\*, neoplastic disease, urologic disease, reproductive system disease/male, osteoporotic action

CHEMICALS & BIOCHEMICALS: androgen--replacement; bone morphogenetic protein 7--androgen-dependent gene expression; dihydrotestosterone; testosterone; mouse bone morphogenetic protein 4 gene (Muridae)--androgen-dependent gene expression; mouse bone morphogenetic protein 7 gene (Muridae)--androgen-dependent gene expression, messenger RNA level

METHODS & EQUIPMENT: orchidectomy--analytical method; polymerase chain reaction--DNA amplification method

ALTERNATE INDEXING: Osteosclerosis (MeSH); Prostatic Neoplasms (MeSH)

CONCEPT CODES:

24002 Neoplasms and Neoplastic Agents-General

03506 Genetics and Cytogenetics-Animal  
10504 Biophysics-General Biophysical Techniques  
16501 Reproductive System-General; Methods  
17002 Endocrine System-General  
10060 Biochemical Studies-General

BIOSYSTEMATIC CODES:

86375 Muridae

13/5/2 (Item 2 from file: 5)

DIALOG(R) File 5:Biosis Previews(R)

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10612768 BIOSIS NO.: 199699233913

**Reverse transcriptase-polymerase chain reaction for \*prostate\*-specific antigen may be a prognostic indicator in breast cancer.**

AUTHOR: Lehrer S(a); Terk M; Piccoli S P; Song H K; Lavagnini P; Luderer A  
A

AUTHOR ADDRESS: (a)Radiation Oncol., Box 1236, Mount Sinai Med. Cent., New York, NY 10029\*\*USA

JOURNAL: British Journal of Cancer 74 (6):p871-873 1996

ISSN: 0007-0920

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Among women with node-negative breast cancer and small turnouts, it is important to identify those with turnouts that will recur, so that they may receive adjuvant therapy, while sparing those with turnouts that will not recur the hazards of adjuvant treatment. A reverse transcriptase-polymerase chain reaction (RT-PCR) for \*prostate\*-specific antigen (PSA) may be used to identify circulating metastatic cells in patients with \*prostate\* cancer. Approximately 30% of breast cancer cells also produce PSA. Therefore, we tested the PSA RT-PCR assay on blood specimens from women with breast cancer. We evaluated 78 women at Mount Sinai Medical Center with histologically confirmed breast cancer. Venous blood (5 CM-3) from the women was collected in ethylene diaminetetraacetic acid (EDTA)-treated collection tubes and approximately 400 ng of RNA from each sample was subjected to an RT-PCR. We were able to detect the amplified PSA fragment in 18 of 78 women with breast cancer; 7 of the 18 women with the PSA fragment had localized, small, node-negative tumours, both oestrogen receptor (ER) positive and ER negative. We could not detect the amplified PSA fragment in 20 normal women and 22 normal men. We conclude that PSA RT-PCR may be a useful method for determining the presence of circulating metastatic cells in some women with node-negative breast cancer, and therefore the potential for these women to develop recurrent disease and thus benefit from adjuvant therapy.

DESCRIPTORS:

MAJOR CONCEPTS: Immune System (Chemical Coordination and Homeostasis); Oncology (Human Medicine, Medical Sciences); Reproductive System (Reproduction)

BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata, Animalia

ORGANISMS: human (Hominidae)

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): animals; chordates; humans; mammals; primates; vertebrates

MISCELLANEOUS TERMS: ADJUVANT THERAPY; ANALYTICAL METHOD; BREAST CANCER ; FEMALE; \*METASTATIC CELLS\*; NEOPLASTIC DISEASE; NODE-NEGATIVE; ONCOLOGY; PATIENT; PROGNOSTIC FACTOR; PROGNOSTIC METHOD; \*PROSTATE\*-SPECIFIC ANTIGEN; RECURRING TUMORS; REPRODUCTIVE SYSTEM DISEASE/FEMALE ; REVERSE TRANSCRIPTASE-POLYMERASE CHAIN REACTION; RNA; THERAPEUTIC METHOD; VENOUS BLOOD

CONCEPT CODES:

16501 Reproductive System-General; Methods

24002 Neoplasms and Neoplastic Agents-General



34502 Immunology and Immunochemistry-General; Methods  
BIOSYSTEMATIC CODES:  
86215 Hominidae

13/5/3 (Item 3 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
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08590946 BIOSIS NO.: 199345009021

**Expression of tissue inhibitor of metallo-proteinase (TIMP) and collagenase  
in \*prostate\* cell lines with different invasive potential.**

AUTHOR: Freeman Michael R; Moses Marsha A

AUTHOR ADDRESS: Boston, MA\*\*USA

JOURNAL: Journal of Urology 149 (4 SUPPL.):p377A 1993

CONFERENCE/MEETING: Eighty-eighth Annual Meeting of the AUA (American  
Urological Association) San Antonio, Texas, USA May 15-20, 1993

ISSN: 0022-5347

RECORD TYPE: Citation

LANGUAGE: English

REGISTRY NUMBERS: 9001-12-1: COLLAGENASE

DESCRIPTORS:

MAJOR CONCEPTS: Biochemistry and Molecular Biophysics; Blood and  
Lymphatics (Transport and Circulation); Enzymology (Biochemistry and  
Molecular Biophysics); Reproductive System (Reproduction); Tumor  
Biology; Urinary System (Chemical Coordination and Homeostasis)

BIOSYSTEMATIC NAMES: Muridae--Rodentia, Mammalia, Vertebrata, Chordata,  
Animalia

ORGANISMS: rat (Muridae)

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): animals; chordates; mammals;  
nonhuman mammals; nonhuman vertebrates; rodents; vertebrates

CHEMICALS & BIOCHEMICALS: COLLAGENASE

MISCELLANEOUS TERMS: ABSTRACT; EXTRACELLULAR MATRIX BARRIER; MATRIX

REGULATORY FACTORS; \*METASTATIC CELL\*; \*PROSTATE\* GROWTH

CONCEPT CODES:

10506 Biophysics-Molecular Properties and Macromolecules

10808 Enzymes-Physiological Studies

15008 Blood, Blood-Forming Organs and Body Fluids-Lymphatic Tissue and  
Reticuloendothelial System

15506 Urinary System and External Secretions-Pathology

16506 Reproductive System-Pathology

24004 Neoplasms and Neoplastic Agents-Pathology; Clinical Aspects;  
Systemic Effects

24006 Neoplasms and Neoplastic Agents-Biochemistry

00520 General Biology-Symposia, Transactions and Proceedings of  
Conferences, Congresses, Review Annuals

02506 Cytology and Cytochemistry-Animal

10064 Biochemical Studies-Proteins, Peptides and Amino Acids

BIOSYSTEMATIC CODES:

86375 Muridae

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157976 S14

535234 EPITHELIAL

S15 3586 S14 AND EPITHELIAL

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Completed processing all files

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11337170 CELL?

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S6      25029  EPITHELIAL CELL?
S7         0  S6 AND S1
S8        14  S1 AND BREAST
S9         7  RD (unique items)
S10        0  S9 AND IMMORTALIZ?
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S13         3  RD (unique items)
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    334578  CYTOKINE
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    35218  EXUDATE
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25/5/1 (Item 1 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
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00577039

**IMPROVED METHODS FOR TRANSDUCING \*CELLS\***  
**METHODES AMELIOREES DE TRANSDUCTION CELLULAIRE**

Patent Applicant/Assignee:

BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM, BOARD OF REGENTS, THE  
UNIVERSITY OF TEXAS SYSTEM , 201 West 7th Street, Austin, TX 78701 , US

Inventor(s):

FIDLER Isaiah J, FIDLER, Isaiah, J. , Kingwood, TX , US

DONG Zhongyun, DONG, Zhongyun , Houston, TX , US

KUMAR Rakesh, KUMAR, Rakesh , Houston, TX , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9822605 A1 19980528

Application: WO 97US21475 19971119 (PCT/WO US9721475)

Priority Application: US 9631330 19961120

Designated States: CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: C12N-015/85;

International Patent Class: C12N-015/86; C12Q-001/170; C12Q-001/68;

C07K-001/00; A61K-048/00;

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 50515

**English Abstract**

Disclosed are compositions and methods for inhibiting the expression and/or activity of endogenous  $\beta$ -interferon in \*cells\* targeted for transduction with viral vectors, particularly adenoviral vectors.

Therefore, also provided are improved methods for treatment of genetically-based diseases by gene therapy. Also disclosed are methods for the treatment of neovascularization-related diseases, for examples, cancer, by the production *in vivo* of angiostatin, which inhibits the formation of new blood vessels. In particular embodiments, this is accomplished by transduction of macrophages *ex vivo* with a GM-CSF gene, thereby inducing the secretion of macrophage metalloelastase, which converts plasminogen to angiostatin. The transduced macrophages, when administered, naturally home to tumor sites to effectively localize the therapeutic effect.

**French Abstract**

Compositions et methodes pour inhiber l'expression et/ou l'activite de l'interferon- $\beta$ ; endogene dans des cellules cibles pour une transduction avec des vecteurs viraux, en particulier avec des vecteurs d'adenovirus. L'invention concerne par consequent egalement des methodes de therapie genique ameliorees pour des maladies genetiques. L'invention porte egalement sur des methodes de traitement des maladies liees a une neovascularisation, par exemple le cancer, par la production *in vivo* d'angiostatine inhibant la formation nouveaux vaisseaux sanguins. Dans des modes de realisation particuliers, ce resultat est obtenu par transduction de macrophages *ex vivo* avec un gene GM- CSF, induisant la secretion de metallo-elastase de macrophage, laquelle convertit le plasminogene en angiostatine. Une fois administres, les macrophages transduits se dirigent naturellement vers les sites tumoraux, realisant un ciblage efficace de l'effet therapeutique.

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S26 49 S22

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27/5/1 (Item 1 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00780426

**RETINOID RECEPTOR INTERACTING POLYNUCLEOTIDES, POLYPEPTIDES, AND ANTIBODIES  
POLYNUCLEOTIDES, POLYPEPTIDES ET ANTICORPS INTERAGISSANT AVEC LES  
RECEPTEURS DE RETINOIDES**

Patent Applicant/Assignee:

HUMAN GENOME SCIENCES INC, 9410 Key West Avenue, Rockville, MD 20850, US,  
US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

RUBEN Steven A, 18528 Heritage Hills Drive, Olney, MD 20832, US, US  
(Residence), US (Nationality), (Designated only for: US )  
SHI Yanggu, 437 West Side Drive, Apt. 102, Gaithersburg, MD 20878, US, US  
(Residence), CN (Nationality), (Designated only for: US )

Legal Representative:

HOOVER Kenley K, Human Genome Sciences, Inc., 9410 Key West Avenue,  
Rockville, MD 20850, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200112786 A1 20010222 (WO 0112786)  
Application: WO 2000US22351 20000815 (PCT/WO US0022351)  
Priority Application: US 99148757 19990816; US 2000189026 20000314

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
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LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C12N-005/10

International Patent Class: C12N-015/12; C12N-015/63; C12N-015/64;  
C07K-014/47

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 78017

English Abstract

The present invention relates to novel human RIP polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing human RIP polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human RIP polypeptides.

French Abstract

La presente invention concerne des nouveaux polypeptides RIP humains et des acides nucleiques isolés contenant les régions codantes des gènes codant pour ces polypeptides. L'invention concerne également des vecteurs, des cellules hôtes, des anticorps et des méthodes de recombinaison permettant de produire des polypeptides RIP humains. Cette invention concerne en outre des méthodes diagnostiques et thérapeutiques permettant de diagnostiquer et de traiter les troubles liés à ces nouveaux polypeptides RIP humains.

Legal Status (Type, Date, Text)

Publication 20010222 A1 With international search report.

Publication 20010222 A1 Before the expiration of the time limit for  
amending the claims and to be republished in the  
event of receipt of amendments.

**27/5/2 (Item 2 from file: 349)**

DIALOG(R) File 349:PCT Fulltext

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00780421

**13 HUMAN COLON AND COLON CANCER ASSOCIATED PROTEINS**

**13 PROTEINES ASSOCIEES AU CANCER DU COLON ET AU COLON HUMAIN**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200112781 A1 20010222 (WO 0112781)

Application: WO 2000US22157 20000811 (PCT/WO US0022157)

Priority Application: US 99148680 19990813

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C12N-001/21

International Patent Class: C12N-015/12; C12N-015/63; C07K-014/435

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 114826

English Abstract

This invention relates to newly identified colon or colon cancer related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "colon cancer antigens", and the use of such colon antigens for detecting disorders of the gastrointestinal system, particularly the presence of colon cancer and colon cancer metastases.

This invention relates to colon cancer antigens as well as vectors, host \*cells\*, antibodies directed to colon cancer antigens and the recombinant methods and synthetic methods for producing the same. Also provided are diagnostic methods for detecting, treating, preventing and/or prognosing disorders related to the colon, including colon cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of colon cancer antigens of the invention. The present invention further relates to inhibiting the production and function of the polypeptides of the present invention.

French Abstract

La presente invention concerne l'identification de polynucleotides lies au colon ou au cancer du colon et les polypeptides codes par ces

polynucleotides appeles ici de facon collective <=antigenes du cancer du colon>=, et l'utilisation de ces antigenes du colondans la detection des troubles du tube digestif, et plus particulierement de la presence du cancer du colon et de metastases du cancer du colon. Cette invention concerne des antigenes du cancer du colon, de meme que des vecteurs, des cellules hotes, des anticorps diriges contre ces antigenes du cancer du colon et des technique de recombinaison et de synthese permettant la production de ceux-ci. Cette invention concerne aussi des techniques diagnostiques permettant de detecter, traiter, prevenir et/ou de pronostiquer des pathologies liees au colon, notamment le cancer du colon, et des techniques therapeutiques permettant de traiter ces pathologies. Cette invention concerne encore des methodes de recherche permettant d'identifier des agonistes et des antagonistes des antigenes du cancer du colon de l'invention. Enfin cette invention traite de la facon d'inhiber la production et la fonction des polypeptides de l'invention.

Legal Status (Type, Date, Text)

Publication 20010222 A1 With international search report.

Publication 20010222 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

**27/5/3 (Item 3 from file: 349)**

DIALOG(R) File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00780416

**18 HUMAN SECRETED PROTEINS**

**18 PROTEINES SECRETEES HUMAINES**

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200112776 A2 20010222 (WO 0112776)

Application: WO 2000US22350 20000815 (PCT/WO US0022350)

Priority Application: US 99148759 19990816

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C12N

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 117165

English Abstract

The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

French Abstract

La presente invention concerne de nouvelles proteines secretees humaines et des acides nucleiques isoles contenant les regions codantes des genes codant ces memes proteines ; elle concerne egalement des vecteurs, des cellules hotes, des anticorps et des procedes de recombinaison qui permettent de produire les proteines secretees humaines ainsi que des procedes de diagnostic et de traitement qui sont utiles pour diagnostiquer et traiter des maladies, des troubles et/ou des pathologies lies a ces nouvelles proteines secretees humaines.

Legal Status (Type, Date, Text)

Publication 20010222 A2 Without international search report and to be republished upon receipt of that report.

27/5/4 (Item 4 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00780338

**TGF-BETA RECEPTOR POLYNUCLEOTIDES, POLYPEPTIDES, AND ANTIBODIES**  
**POLYNUCLEOTIDES, POLYPEPTIDES DU RECEPTEUR DU TGF-BETA ET ANTICORPS**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200112670 A1 20010222 (WO 0112670)  
Application: WO 2000US21736 20000810 (PCT/WO US0021736)  
Priority Application: US 99148682 19990813; US 99154887 19990920

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C07K-014/705

International Patent Class: C07K-014/715; C12N-005/10; C12N-015/12;  
C12N-015/63; C12N-015/64

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 86849

English Abstract

The present invention relates to novel human TGF-beta receptor polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing human TGF-beta receptor polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human TGF-beta receptor polypeptides.

French Abstract

La presente invention concerne des polypeptides du recepteur du TGF-beta humains et des acides nucleiques isoles contenant les regions codantes des genes codant pour ces polypeptides. Cette invention concerne aussi des vecteurs, des cellules hotes, des anticorps et des techniques de recombinaison permettant de produire ces polypeptides de recepteur du TGF-beta. Enfin cette invention concerne des techniques diagnostiques et therapeutiques utiles pour diagnostiquer et traiter les troubles lies a ces polypeptides du recepteur du TGF-beta humains.

Legal Status (Type, Date, Text)

Publication 20010222 A1 With international search report.

27/5/5 (Item 5 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00776636

**CALCIUM CHANNEL TRANSPORT POLYNUCLEOTIDES, POLYPEPTIDES, AND ANTIBODIES  
POLYNUCLEOTIDES, POLYPEPTIDES ET ANTICORPS DE TRANSPORT DE CANAUX CALCIQUES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200108635 A2 20010208 (WO 0108635)  
Application: WO 2000US20392 20000727 (PCT/WO US0020392)  
Priority Application: US 99145958 19990728; US 99149446 19990818; US  
2000189064 20000314

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: A61K

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 78566

English Abstract

The present invention relates to novel human calcium channel transport



polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing human calcium channel transport polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human calcium channel transport polypeptides.

#### French Abstract

La presente invention concerne de nouveaux polypeptides de transport de canaux calciques humains, ainsi que des acides nucleiques isoles contenant les regions codantes des genes qui codent pour ces polypeptides. Cette invention concerne egalement des vecteurs, des cellules hotes, des anticorps et des methodes de recombinaison permettant de produire ces polypeptides de transport de canaux calciques humains. L'invention concerne enfin des methodes diagnostiques et therapeutiques qui permettent de diagnostiquer et de traiter les troubles lies a ces nouveaux polypeptides de transport de canaux calciques humains.

#### Legal Status (Type, Date, Text)

Publication 20010208 A2 Without international search report and to be republished upon receipt of that report.

**27/5/6 (Item 6 from file: 349)**

DIALOG(R) File 349:PCT Fulltext

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00776635

#### **SERINE PROTEASES**

#### **SERINE PROTEASES**

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#### Patent and Priority Information (Country, Number, Date):

Patent: WO 200108634 A2 20010208 (WO 0108634)  
Application: WO 2000US16847 20000620 (PCT/WO US0016847)  
Priority Application: US 99147005 19990803; US 99152935 19990909; US  
99162979 19991101; US 2000189025 20000314

#### Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

#### Main International Patent Class: A61K

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 75323

#### English Abstract

The present invention relates to novel human serine protease polypeptides and isolated nucleic acids containing the coding regions of the genes

encoding such polypeptides. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing human serine protease polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human serine protease polypeptides.

#### French Abstract

L'invention concerne de nouveaux polypeptides de serine protease humaine et des acides nucleiques isolés contenant les regions codant les genes qui codent ces polypeptides. L'invention concerne également les vecteurs, cellules hotes, anticorps, et les procedes de recombinaison permettant de produire ces polypeptides de serine protease humaine. Enfin, l'invention concerne les procedes de diagnostic et les procedes therapeutiques qui servent a diagnostiquer et traiter les troubles lies a ces nouveaux polypeptides de serine protease humaine.

#### Legal Status (Type, Date, Text)

Publication 20010208 A2 Without international search report and to be republished upon receipt of that report.

27/5/7 (Item 7 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00775235

#### ABC TRANSPORT POLYNUCLEOTIDES, POLYPEPTIDES, AND ANTIBODIES POLYNUCLEOTIDES, POLYPEPTIDES DE TRANSPORT DE CASSETTE DE FIXATION DE L'ADENOSINE TRIPHOSPHATE (ABC) ET ANTICORPS

##### Patent Applicant/Assignee:

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##### Patent Applicant/Inventor:

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##### Patent and Priority Information (Country, Number, Date):

Patent: WO 200107658 A1 20010201 (WO 0107658)  
Application: WO 2000US19736 20000720 (PCT/WO US0019736)  
Priority Application: US 99145215 19990723; US 99149445 19990818; US  
99164730 19991112

##### Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C12Q-001/68

International Patent Class: C07H-021/02

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 80856

#### English Abstract

The present invention relates to novel human ABC Transport polypeptides

and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing human ABC Transport polypeptides. The invention further relates to diagnostic and therapeutic methods usefull for diagnosing and treating disorders related to these novel human ABC Transport polypeptides.

#### French Abstract

Cette invention a trait a de nouveaux polypeptides humains de transport d'ABC ainsi qu'a des acides nucleiques isolees contenant les regions codantes des genes codant ces polypeptides. Elle concerne egalement des vecteurs, des cellules hotes, des anticorps ainsi que des methodes de recombinaison permettant de produire ces polypeptides humains de transport d'ABC. Elle porte, de surcroit, sur des methodes diagnostiques et therapeutiques des plus utiles en matiere de diagnostic et de traitement de troubles lies a ces nouveaux polypeptides humains de transport d'ABC.

Legal Status (Type, Date, Text)

Publication 20010201 A1 With international search report.

**27/5/8 (Item 8 from file: 349)**

DIALOG(R) File 349:PCT Fulltext

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00775199

#### **KERATINOCYTE DERIVED INTERFERON INTERFERON DERIVE DU KERATINOCYTE**

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Patent Applicant/Inventor:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200107608 A1 20010201 (WO 0107608)  
Application: WO 2000US1239 20000120 (PCT/WO US0001239)  
Priority Application: US 99358587 19990721; WO 99US16424 19990721

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C12N-015/12

International Patent Class: C12N-015/20; C07K-014/435; C07K-014/455;

A61K-038/17; A61K-038/21

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 125320

#### English Abstract

The present invention relates to a novel KDI protein which is a member of

the interferon family. In particular, isolated nucleic acid molecules are provided encoding a human interferon polypeptide, called "KDI". KDI polypeptides are also provided as are vectors, host \*cells\* and recombinant methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of KDI activity. Also provided are therapeutic methods for treating immune system-related disorders.

#### French Abstract

L'invention concerne une nouvelle proteine KDI, membre de la famille des interferons. L'invention concerne plus particulierement des molecules d'acide nucleique isolees codant pour un polypeptide interferon humain, appele <= KDI >=. L'invention concerne egalement les polypeptides KDI, ainsi que des vecteurs, des cellules hotes, et des procedes de recombinaison destines a produire ces derniers. L'invention concerne en outre des methodes de criblage destinees a l'identification d'agonistes et d'antagonistes de l'activite de KDI. L'invention concerne par ailleurs des methodes therapeutiques de traitement de maladies liees au systeme immunitaire.

Legal Status (Type, Date, Text)

Publication 20010201 A1 With international search report.

27/5/9 (Item 9 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00775093

#### 26 HUMAN PROSTATE AND PROSTATE CANCER ASSOCIATED PROTEINS

#### PROSTATE HUMAINE 26 ET CANCER DE LA PROSTATE ASSOCIE AUX PROTEINES

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200107476 A1 20010201 (WO 0107476)

Application: WO 2000US19666 20000720 (PCT/WO US0019666)

Priority Application: US 99144972 19990721; US 99148681 19990813; US  
99149173 19990817; US 99158004 19991006; US 2000194689 20000405

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C07K-014/47

International Patent Class: C12N-005/10; C12N-005/16; C12N-015/12;

C12N-015/63; C12N-015/64

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 129721

English Abstract

The present invention relates to newly identified human prostate cancer related polynucleotides and the polypeptides encoded by these polynucleotides (prostate cancer antigens). Also provided are vectors, host cells, antibodies, and recombinant methods for producing human prostate cancer antigens. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human prostate cancer antigens.

#### French Abstract

L'invention concerne un cancer de la prostate humaine récemment identifiée aux polynucleotides et les polypeptides codés par ces polynucleotides (antigènes du cancer de la prostate). Font aussi l'objet de cette invention des vecteurs, des cellules hôtes, des anticorps et des techniques recombinantes permettant d'obtenir des antigènes du cancer de la prostate humaine. L'invention concerne aussi le diagnostic et le traitement utilisés pour diagnostiquer et traiter les troubles liés à ces nouveaux antigènes du cancer de la prostate humaine.

Legal Status (Type, Date, Text)

Publication 20010201 A1 With international search report.

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DIALOG(R) File 349:PCT Fulltext

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00770128

#### **KERATINOCYTE GROWTH FACTOR-2**

#### **FACTEUR 2 DE CROISSANCE DES KERATINOCYTES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200102433 A1 20010111 (WO 0102433)

Application: WO 2000US18328 20000703 (PCT/WO US0018328)

Priority Application: US 99142343 19990702; US 99143648 19990714; US  
99144024 19990715; US 99148628 19990812; US 99149935 19990819; US  
99163375 19991103; US 99171677 19991222; US 2000198322 20000419; US

2000205417 20000519

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C07K-014/47

International Patent Class: C07K-014/475; C12N-005/10; C12N-015/12;  
C12N-015/16; C12N-015/63; C12N-015/64; A61K-038/16; A61K-038/17;  
A61K-038/18

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 129131

#### English Abstract

This invention relates to newly identified polynucleotides, polypeptides encoded by such polynucleotides, the use of such polynucleotides and polypeptides, as well as the production of such polynucleotides and polypeptides. More particularly, the polypeptide of the present invention is a Keratinocyte Growth Factor, sometimes hereinafter referred to as "KGF-2" also formerly known as Fibroblast Growth Factor 12 (FGF-12). This invention further relates to the therapeutic use of KGF-2 to promote or accelerate wound healing. This invention also relates to novel mutant forms of KGF-2 that show enhanced activity, increased stability, higher yield or better solubility.

#### French Abstract

L'invention concerne: des polynucleotides nouvellement identifiées, des polypeptides codes par ces derniers; l'utilisation de ces polynucleotides et polypeptides; et leur preparation. En particulier, le polypeptide de l'invention est un facteur de croissance des keratinocytes, parfois designe sous le nom de  $\leq$ KGF-2 $\geq$ , comme c'est ici le cas, ou sous le nom de facteur 12 de croissance des fibroblastes (FGF-12). L'invention concerne egalement l'utilisation therapeutique du KGF-2 destinee a favoriser ou a accelerer la cicatrisation, ainsi que des nouvelles formes mutantes du KGF-2, qui presentent une activite amelioree, une stabilite accrue, un meilleur rendement ou une meilleure solubilite.

#### Legal Status (Type, Date, Text)

Publication 20010111 A1 With international search report.

Publication 20010111 A1 With (an) indication(s) in relation to deposited biological material furnished under Rule 13bis separately from the description.

**27/5/11 (Item 11 from file: 349)**

DIALOG(R)File 349:PCT Fulltext

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00764864

**50 HUMAN SECRETED PROTEINS**

**50 PROTEINES HUMAINES SECRETEES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200077022 A1 20001221 (WO 0077022)

Application: WO 2000US15136 20000601 (PCT/WO US0015136)

Priority Application: US 99138629 19990611

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DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C07H-021/00

International Patent Class: C07K-002/00; C12P-019/34; C12N-015/12

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 131158

English Abstract

The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

French Abstract

La presente invention concerne de nouvelles proteines humaines secretees, ainsi que des acides nucleiques isoles contenant les regions codantes des genes codant pour ces proteines. L'invention concerne egalement des vecteurs, des cellules hotes, des anticorps, et des methodes de recombinaison permettant de produire ces proteines humaines secretees. L'invention concerne enfin des methodes diagnostiques et therapeutiques utilisees dans le diagnostic et le traitement de maladies, de troubles et/ou d'etats pathologiques associes a ces nouvelles proteines humaines secretees.

Legal Status (Type, Date, Text)

Publication 20001221 A1 With international search report.

**27/5/12 (Item 12 from file: 349)**

DIALOG(R) File 349:PCT Fulltext

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00762027 \*\*Image available\*\*

**NOVEL TET REPRESSOR-BASED TRANSCRIPTIONAL REGULATORY PROTEINS**

**PROTEINES DE REGULATION TRANSCRIPTIONNELLE BASEES SUR UN REPRESSEUR TET**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200075347 A2 20001214 (WO 0075347)

Application: WO 2000IB886 20000605 (PCT/WO IB0000886)  
Priority Application: US 99137986 19990607  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: C12N-015/62  
International Patent Class: C12N-015/85; C07K-014/16; A61K-048/00;  
C12N-015/00; A01K-067/027  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 32125

#### English Abstract

The present invention provides a panel of transcriptional activator fusion proteins which comprises both tetracycline controlled transactivator proteins and reverse tetracycline transactivator proteins. These transactivators have novel phenotypes such as altered basal transcriptional activity in the absence of doxycycline, altered induced transcriptional activity in the presence of doxycycline, or differential induction by tetracycline and analogs of tetracycline.

#### French Abstract

La presente invention concerne un ensemble de proteines de fusion d'activation transcriptionnelle qui comprend a la fois des proteines transactivatrices a regulation par tetracycline et des proteines transactivatrices a regulation inverse par tetracycline. Ces transactivateurs presentent de nouveaux phenotypes tels qu'une activite transcriptionnelle basale alteree en l'absence de doxycycline, une activite transcriptionnelle induite alteree en presence de doxycycline, ou une induction differentielle par la tetracycline et ses analogues.

#### Legal Status (Type, Date, Text)

Publication 20001214 A2 Without international search report and to be republished upon receipt of that report.

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DIALOG(R) File 349:PCT Fulltext  
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00761204

#### **ADAM POLYNUCLEOTIDES AND POLYPEPTIDES**

#### **POLYNUCLEOTIDES ET POLYPEPTIDES ADAM**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200073323 A2 20001207 (WO 0073323)

Application: WO 2000US14308 20000525 (PCT/WO US0014308)

Priority Application: US 99136388 19990527; US 99142930 19990709; US  
2000178717 20000128

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C07K

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Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 83618

#### English Abstract

The present invention relates to novel human ADAM polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing human ADAM polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human ADAM polypeptides.

#### French Abstract

Cette invention a trait a de nouveaux polypeptides ADAM humains ainsi qu'a des acides nucleiques isoles renfermant les regions codantes des genes codant ces polypeptides. L'invention porte egalement sur des vecteurs, des cellules hotes, des anticorps et des techniques de recombinaison permettant de produire ces polypeptides ADAM humains. Elle concerne, de surcroit, des methodes diagnostiques et therapeutiques des plus utiles en matiere de diagnostic et de traitement de troubles lies a ces nouveaux polypeptides ADAM humains.

Legal Status (Type, Date, Text)

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00759538

#### **FIBROBLAST GROWTH FACTOR 11**

#### **FACTEUR 11 DE CROISSANCE DES FIBROBLASTES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200071715 A1 20001130 (WO 0071715)

Application: WO 2000US13331 20000516 (PCT/WO US0013331)

Priority Application: US 99135524 19990521

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DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C12N-015/16

International Patent Class: C12N-015/18; C12N-015/63; C12N-001/21;

C12N-005/00; G01N-033/53; A61K-038/18; C07K-014/50; C07K-016/22

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 106367

English Abstract

The present invention relates to a novel human protein called Fibroblast Growth Factor 11, and isolated polynucleotides encoding this protein. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing this human protein. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to this novel human protein.

French Abstract

La presente invention concerne une nouvelle proteine humaine appelee facteur 11 de croissance des fibroblastes ainsi que des polynucleotides isoles codant cette proteine. L'invention concerne des vecteurs, des cellules hotes, des anticorps ainsi que des methodes de recombinaison permettant la production de cette proteine humaine. L'invention concerne en outre des methodes diagnostiques et therapeutiques utiles pour diagnostiquer et traiter des troubles relatifs a cette nouvelle proteine humaine.

Legal Status (Type, Date, Text)

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DIALOG(R) File 349: PCT Fulltext

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00759434

**SEVEN TRANSMEMBRANE RECEPTOR GENES**

**GENES RECEPTEURS HEPTATRANSMEMBRANAIRES**

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Patent and Priority Information (Country, Number, Date):  
Patent: WO 200071584 A1 20001130 (WO 0071584)  
Application: WO 2000US13737 20000519 (PCT/WO US0013737)  
Priority Application: US 99135167 19990520; US 99143616 19990713; US  
99152934 19990909; US 2000189029 20000314  
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: C07K-014/705  
International Patent Class: C07K-016/28; C12N-001/21; C12N-005/10;  
C12N-015/12  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 83590

#### English Abstract

The present invention relates to novel human 7TM polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, hos \*cells\*, antibodies, and recombinant methods for producing human 7TM polypeptides. The invention further relates to diagnostic and therapeutic methods useful for dignosing and treating disorders related to these novel human 7TM polypeptides.

#### French Abstract

La presente invention concerne des nouveaux polypeptides 7TM humains et des acides nucleiques isoles contenant les regions de codage des genes codant ces polypeptides. Elle concerne egalement des vecteurs, des cellules hotes, des anticorps et des methodes de recombinaison servant a produire des polypeptides 7TM humains. L'invention se rapporte aussi a des methodes diagnostiques et therapeutiques utilisees pour diagnostiquer et traiter les troubles lies a ces nouveaux polypeptides 7TM humains.

#### Legal Status (Type, Date, Text)

Publication 20001130 A1 With international search report.  
Publication 20001130 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

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00759432

#### FIBROBLAST GROWTH FACTOR 14

#### FACTEUR 14 DE CROISSANCE DU FIBROBLASTE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200071582 A1 20001130 (WO 0071582)  
Application: WO 2000US13416 20000517 (PCT/WO US0013416)  
Priority Application: US 99135166 19990520

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C07K-014/50

International Patent Class: C07K-016/22; A61K-038/18; C12N-001/21;

C12N-005/10; C12N-015/18; C12N-015/63; G01N-033/53

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 104112

English Abstract

The present invention relates to a novel human protein called Fibroblast Growth Factor 14, and isolated polynucleotides encoding this protein.

Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing this human protein. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to this novel human protein.

French Abstract

L'invention concerne une nouvelle proteine humaine denomnee facteur 14 de croissance du fibroblaste, ainsi que des polynucleotides isoles, codant cette proteine. L'invention concerne encore des vecteurs, des cellules hotes, des anticorps et des procedes de recombinaison destines a produire cette proteine humaine. L'invention concerne enfin des procedes diagnostiques et therapeutiques, utiles pour diagnostiquer et traiter des pathologies associees a cette nouvelle proteine humaine.

Legal Status (Type, Date, Text)

Publication 20001130 A1 With international search report.

Publication 20001130 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

27/5/17 (Item 17 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00759303

**FIBROBLAST GROWTH FACTOR 10**

**FACTEUR 10 DE CROISSANCE DES FIBROBLASTES**

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Rockville, MD 20850, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200071152 A1 20001130 (WO 0071152)  
Application: WO 2000US13573 20000518 (PCT/WO US0013573)  
Priority Application: US 99135523 19990521

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: A61K-038/18

International Patent Class: A61K-048/00; C07H-021/04; C07K-014/50;  
C07K-016/22; C12N-015/00; C12N-015/63; C12N-015/85; C12Q-001/68;  
G01N-033/53

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 101398

English Abstract

The present invention relates to a novel human protein called Fibroblast Growth Factor 10, and isolated polynucleotides encoding this protein. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing this human protein. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to this novel human protein.

French Abstract

La presente invention se rapporte a une nouvelle proteine humaine appelee Facteur 10 de Croissance des Fibroblastes, et a des polynucleotides isoles codant cette proteine. Elle se rapporte egalement a des vecteurs, des cellules hotes et des anticorps ainsi qu'a des methodes de recombinaison permettant de produire cette proteine. L'invention se rapporte en outre a des methodes diagnostiques et therapeutiques qui permettent de diagnostiquer et de traiter des troubles associes a cette nouvelle proteine humaine.

Legal Status (Type, Date, Text)

Publication 20001130 A1 With international search report.

Publication 20001130 A1 Before the expiration of the time limit for  
amending the claims and to be republished in the  
event of receipt of amendments.

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00758375      \*\*Image available\*\*

**FIBROBLAST GROWTH FACTOR 13**

**FACTEUR DE CROISSANCE DES FIBROBLASTES 13**

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200071567 A2 20001130 (WO 0071567)

Application: WO 2000US40080 20000504 (PCT/WO US0040080)

Priority Application: US 99132923 19990506

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C07K

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 110132

English Abstract

The present invention relates to a novel human protein called Fibroblast Growth Factor 13, and isolated polynucleotides encoding this protein.

Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing this human protein. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to this novel human protein.

French Abstract

La presente invention concerne une nouvelle proteine humaine designee sous le nom de facteur de croissance des fibroblastes 13, et des polynucleotides isoles codant pour cette proteine. L'invention concerne egalement des vecteurs, des cellules hotes, des anticorps, et des methodes de recombinaison servant a produire cette proteine humaine. L'invention concerne enfin des methodes diagnostiques et therapeutiques servant a diagnostiquer et a traiter des troubles lies a cette nouvelle proteine humaine.

Legal Status (Type, Date, Text)

Publication 20001130 A2 Without international search report and to be republished upon receipt of that report.

27/5/19 (Item 19 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
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00757839

**TM4SF RECEPTORS**

**RECEPTEURS TM4SF**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200070076 A1 20001123 (WO 0070076)  
Application: WO 2000US13504 20000518 (PCT/WO US0013504)  
Priority Application: US 99135122 19990519; US 99137797 19990603; US  
99138573 19990611; US 99149447 19990818; US 2000178770 20000128

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C12P-021/06

International Patent Class: C12P-021/04; C12N-015/74; C12N-005/00;  
C12N-005/02; C12N-001/20; C12N-015/00; C12N-015/09; C12N-015/63;  
C12N-015/70; C07K-001/00; C07K-014/00; C07K-017/00; C07H-021/04

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 82380

**English Abstract**

The present invention relates to novel human TM4SF polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing human TM4SF polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders relates to these novel human TM4SF polypeptides.

**French Abstract**

La presente invention concerne des nouveaux polypeptides humains TM4SF et des acides nucleiques isoles contenant les regions codees des genes codant de tels polypeptides. Cette invention porte egalement sur des vecteurs, cellules hotes, anticorps, et methodes de recombinaison

permettant de produire des polypeptides humains TM4SF. Elle a trait, en outre, a methodes diagnostiques et therapeutiques utiles au traitement et diagnostic de troubles lies a ces nouveaux polypeptides humains TM4SF.

Legal Status (Type, Date, Text)

Publication 20001123 A1 With international search report.

Publication 20001123 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

**27/5/20 (Item 20 from file: 349)**

DIALOG(R)File 349:PCT Fulltext

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00756042

**SERINE PROTEASES**

**SERINE PROTEASES**

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200068247 A2 20001116 (WO 0068247)

Application: WO 2000US12207 20000505 (PCT/WO US0012207)

Priority Application: US 99133239 19990507; US 99135163 19990520; US  
99147005 19990803; US 99152935 19990909; US 99162979 19991101

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C07K

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 82831

**English Abstract**

The present invention relates to novel human serine protease polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing human serine protease polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human serine protease polypeptides.

**French Abstract**

La presente invention concerne de nouveaux polypeptides de serine protease ainsi que des acides nucleiques isoles comprenant les zones de



codage des genes codant ces polypeptides. L'invention concerne egalement des vecteurs, des cellules hotes, des anticorps et des procedes de recombinaison servant a produire des polypeptides de serine protease. L'invention se rapporte aussi a des methodes diagnostiques et therapeutiques utilisees dans le diagnostic et le traitement de troubles lies a ces nouveaux polypeptides de serine protease humaine.

Legal Status (Type, Date, Text)

Publication 20001116 A2 Without international search report and to be republished upon receipt of that report.

27/5/21 (Item 21 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00755908

**FIBROBLAST GROWTH FACTOR 15**

**FACTEUR DE CROISSANCE DES FIBROBLASTES (FGF) 15**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200067775 A1 20001116 (WO 0067775)

Application: WO 2000US12350 20000504 (PCT/WO US0012350)

Priority Application: US 99132924 19990506

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: A61K-038/18

International Patent Class: A61K-048/00; C07H-021/04; C07K-014/50;  
C07K-016/22; C12N-015/00; C12N-015/63; C12N-015/85; C12Q-001/68;  
G01N-033/53

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 107702

**English Abstract**

The present invention relates to a novel human protein called Fibroblast Growth Factor 15, and isolated polynucleotides encoding this protein. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing this human protein. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to this novel human protein.

French Abstract

L'invention concerne une nouvelle proteine humaine appelee FGF 15, et des polynucleotides isoles codant cette proteine. L'invention concerne egalement des vecteurs, des cellules hotes, des anticorps et des procedes de recombinaison permettant d'elaborer ladite proteine. L'invention concerne en outre des procedes diagnostiques et therapeutiques utiles pour l'etablissement d'un diagnostic et la mise en place d'un traitement en cas de troubles lies a cette nouvelle proteine humaine.

Legal Status (Type, Date, Text)

Publication 20001116 A1 With international search report.

Publication 20001116 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

**27/5/22 (Item 22 from file: 349)**

DIALOG(R) File 349:PCT Fulltext

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00751001

**GALECTIN 11**

**GALECTINE 11**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200063221 A2 20001026 (WO 0063221)

Application: WO 2000US10714 20000421 (PCT/WO US0010714)

Priority Application: US 99130390 19990421; US 99169932 19991210

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C07H-005/00

International Patent Class: C07H-005/04; C07H-019/00; C07H-021/00;

C07H-021/02; C07H-021/04; C07K-001/00; C07K-001/04; C07K-004/00;

C07K-004/12; C07K-005/00; C07K-017/00; C07K-017/02; C07K-017/04;

C07K-017/08; C07K-016/00; C07K-016/18; G01N-033/53; G01N-033/567;

A61K-038/00; A61K-038/04; A61K-038/05; A61K-038/06; A61K-038/07;

A61K-038/08; A61K-038/10; A61K-038/14; A61K-038/16

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 107618

Legal Status (Type, Date, Text)

Publication 20001026 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

**27/5/23 (Item 23 from file: 349)**

DIALOG(R) File 349:PCT Fulltext

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00749489

**BONE MORPHOGENIC PROTEINS**

**PROTEINES MORPHOGENIQUES OSSEUSES BMP**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200061774 A2 20001019 (WO 0061774)

Application: WO 2000US9028 20000406 (PCT/WO US0009028)

Priority Application: US 99128701 19990409; US 99130693 19990423; US  
99131672 19990429; US 99138632 19990611; US 99147020 19990803; US  
99152933 19990909

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C12P

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 84233

English Abstract

The present invention relates to novel human BMP polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing human BMP polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human BMP polypeptides.

French Abstract

L'invention concerne des nouveaux polypeptides BMP humains et des acides nucleiques contenant les regions codantes des gene codant pour lesdits polypeptides. Elle porte egalement sur des vecteurs, sur des cellules

notes, sur des anticorps et sur des methodes de recombinaison pour la production de polypeptides BMP humains. Elle se rapporte encore a des methodes diagnostiques et therapeutiques utiles pour le diagnostic et le traitement de troubles lies a ces nouveaux polypeptides BMP humains.

Legal Status (Type, Date, Text)

Publication 20001019 A2 Without international search report and to be republished upon receipt of that report.

Examination 20010201 Request for preliminary examination prior to end of 19th month from priority date

27/5/24 (Item 24 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00749374

#### UNCOUPLING PROTEINS

#### PROTEINES BRULEUSES DE GRAISSES EXCEDENTAIRES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200061614 A2 20001019 (WO 0061614)

Application: WO 2000US9534 20000406 (PCT/WO US0009534)

Priority Application: US 99128701 19990409; US 99142821 19990708; US  
99149448 19990818; US 99164751 19991112

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C07K-014/00

International Patent Class: C12P-021/06

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 94506

Legal Status (Type, Date, Text)

Publication 20001019 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Examination 20010125 Request for preliminary examination prior to end of 19th month from priority date

27/5/25 (Item 25 from file: 349)

DIALOG(R)File 349:PCT Fulltext  
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00744475

**APOPTOSIS RELATED GENES  
GENES LIES A L'APOPTOSE**

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US)

Patent Applicant/Inventor:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200056752 A2 20000928 (WO 0056752)  
Application: WO 2000US6642 20000315 (PCT/WO US0006642)  
Priority Application: US 99126018 19990324; US 99139638 19990617; US  
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DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
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Detailed Description  
Claims

Fulltext Word Count: 89183

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27/5/26 (Item 26 from file: 349)

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00743045

**HUMAN COLON CANCER ASSOCIATED GENE SEQUENCES AND POLYPEPTIDES  
SEQUENCES ET POLYPEPTIDES GENIQUES ASSOCIES AU CANCER DU COLON CHEZ L'HOMME**

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Patent and Priority Information (Country, Number, Date):

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Priority Application: US 99124270 19990312

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FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG  
US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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International Patent Class: C12N-015/00; C07H-021/02

Publication Language: English

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 171641

#### English Abstract

This invention relates to newly identified colon or colon cancer related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "colon cancer antigens", and to the complete gene sequences associated therewith and to the expression products thereof, as well as the use of such colon cancer antigens for detection, prevention and treatment of disorders of the colon, particularly the presence of colon cancer. This invention relates to the colon cancer antigens as well as vectors, host \*cells\*, antibodies directed to colon cancer antigens and recombinant and synthetic methods for producing the same. Also provided are diagnostic methods for diagnosing and treating, preventing and/or prognosing disorders related to the colon, including colon cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of colon cancer antigens of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and/or function of the polypeptides of the present invention.

#### French Abstract

Cette invention porte sur des polynucleotides recemment identifies et associes au cancer du colon, et sur les polypeptides codes par ces polynucleotides et connus collectivement sous le nom <= d'antigenes du cancer du colon>=. L'invention porte egalement sur les sequences geniques completes associees et sur leurs produits d'expression, ainsi que sur l'utilisation de ces antigenes du cancer du colon dans la detection, la prevention et le traitement des pathologies specifiques d'un tissu telles que le cancer. Cette invention porte sur les antigenes du cancer, ainsi que sur les vecteurs, les cellules hotes, les anticorps diriges contre les antigenes du cancer et sur des procedes recombinants et synthetiques de production de ces anticorps. L'invention porte egalement sur des procedes de diagnostic permettant de diagnostiquer et traiter, prevenir et/ou etablir un pronostic de pathologies du colon telles que le cancer, et sur des procedes therapeutiques visant a traiter ces pathologies. Cette invention porte en outre sur des procedes de recherche automatique visant a identifier des agonistes et des antagonistes des antigenes du cancer du colon, et sur des procedes et/ou des compositions visant a inhiber la production et/ou la fonction des polypeptides de cette invention.

Legal Status (Type, Date, Text)

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00743044

**HUMAN CANCER ASSOCIATED GENE SEQUENCES AND POLYPEPTIDES  
SEQUENCES ET POLYPEPTIDES GENIQUES ASSOCIES AU CANCER CHEZ L'HOMME**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200055350 A1 20000921 (WO 0055350)  
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FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG  
US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 223528

**English Abstract**

This invention relates to newly identified tissue specific cancer associated polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "cancer antigens", and to the complete gene sequences associated therewith and to the expression products thereof, as well as the use of such tissue specific cancer antigens for detection, prevention and treatment of tissue specific disorders, particularly the presence of cancer. This invention relates to the cancer antigens as well as vectors, host \*cells\*, antibodies directed to cancer antigens and recombinant and synthetic methods for producing the same. Also provided are diagnostic methods for diagnosing and treating, preventing and/or prognosing tissue specific disorders, including cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of cancer antigens of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and/or function of the polypeptides of the present invention.

**French Abstract**

Cette invention porte sur des polynucleotides recemment identifies et associes au cancer specifique d'un tissu, et sur les polypeptides codes par ces polynucleotides et connus collectivement sous le nom <=d'antigenes du cancer>=. L'invention porte egalement sur les sequences geniques completes associees et sur leurs produits d'expression, ainsi que sur l'utilisation de ces antigenes du cancer specifique d'un tissu dans la detection, la prevention et le traitement des pathologies specifiques d'un tissu telles que le cancer. Cette invention porte sur les antigenes du cancer, ainsi que sur les vecteurs, les cellules hotes,

les anticorps diriges contre les antigenes du cancer et sur des procedes recombinants et synthetiques de production de ces anticorps. L'invention porte egalement sur des procedes de diagnostic permettant de diagnostiquer et traiter, prevenir et/ou etablir un pronostic de pathologies specifiques d'un tissu telles que le cancer, et sur des procedes therapeutiques visant a traiter ces pathologies. Cette invention porte en outre sur des procedes de recherche automatique visant a identifier des agonistes et des antagonistes des antigenes du cancer, et sur des procedes et/ou des compositions visant a inhiber la production et/ou la fonction des polypeptides de cette invention.

Legal Status (Type, Date, Text)

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00743026

**HUMAN PANCREAS AND PANCREATIC CANCER ASSOCIATED GENE SEQUENCES AND POLYPEPTIDES**

**SEQUENCES DE GENES ET POLYPEPTIDES ASSOCIEES AU CANCER DU PANCREAS CHEZ L'HOMME**

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Patent and Priority Information (Country, Number, Date):

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FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG  
US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

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Publication Language: English

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 173445

English Abstract

This invention relates to newly identified pancreas or pancreatic cancer related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "pancreatic cancer antigens", and to the complete gene sequences associated therewith and to the expression products thereof, as well as the use of such pancreatic cancer antigens for detection, prevention and treatment of disorders of



the pancreas, particularly the presence of pancreatic cancer. This invention relates to the pancreatic cancer antigens as well as vectors, host \*cells\*, antibodies directed to pancreatic cancer antigens and recombinant and synthetic methods for producing the same. Also provided are diagnostic methods for diagnosing and treating, preventing and/or prognosing disorders related to the pancreas, including pancreatic cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of pancreatic cancer antigens of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and/or function of the polypeptides of the present invention.

#### French Abstract

L'invention porte sur des polynucleotides et les polypeptides codes par eux nouvellement identifiés connus sous l'appellation collective d'"antigenes du cancer du pancreas", sur les sequences completes de genes leur etant associees, sur leurs produits d'expression, ainsi que sur l'utilisation desdits "antigenes du cancer du pancreas" pour la detection, la prevention et le traitement d'affections du pancreas dont en particulier le cancer du pancreas. L'invention porte sur les antigenes du cancer du pancreas ainsi que sur des vecteurs, des cellules hotes, et des anticorps des antigenes du pancreas, et sur des procedes de recombinaison et de synthese permettant de les produire. L'invention porte egalement sur des methodes de diagnostic permettant de diagnostiquer, traiter, prevenir et/ou pronostiquer les affections du pancreas dont le cancer du pancreas, et sur des procedes therapeutiques permettant de les traiter. L'invention porte en outre sur des procedes de criblage permettant d'identifier les agonistes et antagonistes des antigenes du cancer du pancreas de l'invention, et sur des procedes et/ou compositions inhibant la production et/ou la fonction des polypeptides de l'invention.

#### Legal Status (Type, Date, Text)

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00742916

#### **HUMAN LUNG CANCER ASSOCIATED GENE SEQUENCES AND POLYPEPTIDES**

#### **SEQUENCES ET POLYPEPTIDES GENIQUES ASSOCIES AU CANCER DU POUMON CHEZ L'HOMME**

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#### **Patent and Priority Information (Country, Number, Date):**

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FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG

US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

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Detailed Description

Claims

Fulltext Word Count: 177094

#### English Abstract

This invention relates to newly identified lung or lung cancer related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "lung cancer antigens", and to the complete gene sequences associated therewith and to the expression products thereof, as well as the use of such lung cancer antigens for detection, prevention and treatment of disorders of the lung, particularly the presence of lung cancer. This invention relates to the lung cancer antigens as well as vectors, host \*cells\*, antibodies directed to lung cancer antigens and recombinant and synthetic methods for producing the same. Also provided are diagnostic methods for diagnosing and treating, preventing and/or prognosing disorders related to the lung, including lung cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of lung cancer antigens of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and/or function of the polypeptides of the present invention.

#### French Abstract

Cette invention porte sur des polynucleotides recemment identifies et associes au cancer du poumon, et sur les polypeptides codes par ces polynucleotides et connus collectivement sous le nom <= d'antigenes du cancer du poumon>=. L'invention porte egalement sur les sequences geniques completes associees et sur leurs produits d'expression, ainsi que sur l'utilisation de ces antigenes du cancer du poumon dans la detection, la prevention et le traitement des pathologies du poumon telles que le cancer. Cette invention porte sur les antigenes du cancer du poumon, ainsi que sur les vecteurs, les cellules hotes, les anticorps diriges contre les antigenes du cancer du poumon et sur des procedes recombinants et synthetiques de production de ces anticorps. L'invention porte egalement sur des procedes de diagnostic permettant de diagnostiquer et traiter, prevenir et/ou etablir un pronostic de pathologies du poumon telles que le cancer, et sur des procedes therapeutiques visant a traiter ces pathologies. Cette invention porte en outre sur des procedes de recherche automatique visant a identifier des agonistes et des antagonistes des antigenes du cancer du poumon, et sur des procedes et/ou des compositions visant a inhiber la production et/ou la fonction des polypeptides de cette invention.

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00742911

**HUMAN PROSTATE CANCER ASSOCIATED GENE SEQUENCES AND POLYPEPTIDES**

**SEQUENCES DE GENES ET POLYPEPTIDES ASSOCIEES AU CANCER DE LA PROSTATE DE L'HOMME**

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Patent and Priority Information (Country, Number, Date):

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Priority Application: US 99124270 19990312

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FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG  
US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C07H-021/04

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 233031

English Abstract

This invention relates to newly identified prostate or prostate cancer related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "prostate cancer antigens", and to the complete gene sequences associated therewith and to the expression products thereof, as well as the use of such prostate cancer antigens for detection, prevention and treatment of disorders of the prostate, particularly the presence of prostate cancer. This invention relates to the prostate cancer antigens as well as vectors, host \*cells\*, antibodies directed to prostate cancer antigens and recombinant and synthetic methods for producing the same. Also provided are diagnostic methods for diagnosing and treating, preventing and/or prognosing disorders related to the prostate, including prostate cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of prostate cancer antigens of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and/or function of the polypeptides of the present invention.

French Abstract

L'invention porte sur des polynucleotides et les polypeptides codes par eux nouvellement identifiés connus sous l'appellation collective d'"antigenes du cancer de la prostate", sur les sequences completes de genes leur etant associees, sur leurs produits d'expression, ainsi que sur l'utilisation desdits "antigenes du cancer de la prostate" pour la detection, la prevention et le traitement d'affections de la prostate dont en particulier le cancer de la prostate. L'invention porte sur les antigenes du cancer de la prostate ainsi que sur des vecteurs, des cellules hotes, et des anticorps des antigenes de la prostate, et sur des procedes de recombinaison et de synthese permettant de les produire. L'invention porte egalement sur des methodes de diagnostic permettant de diagnostiquer, traiter, prevenir et/ou pronostiquer les affections de la prostate dont le cancer de la prostate, et sur des procedes therapeutiques permettant de les traiter. L'invention porte en outre sur des procedes de criblage permettant d'identifier les agonistes et

antagonistes des antigenes du cancer de la prostate de l'invention, et sur des procedes et/ou compositions inhibant la production et/ou la fonction des polypeptides de l'invention.

Legal Status (Type, Date, Text)

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00742910

**HUMAN BREAST AND OVARIAN CANCER ASSOCIATED GENE SEQUENCES AND POLYPEPTIDES SEQUENCES ET POLYPEPTIDES GENIQUES ASSOCIES AU CANCER DES OVAIRES ET DU SEIN**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200055173 A1 20000921 (WO 0055173)

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Priority Application: US 99124270 19990312

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FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV

MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG

US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 170253

**English Abstract**

This invention relates to newly identified breast, ovarian, breast cancer and/or ovarian cancer related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "breast/ovarian cancer antigens", and to the complete gene sequences associated therewith and to the expression products thereof, as well as the use of such breast/ovarian cancer antigens for detection, prevention and treatment of disorders of the female reproductive system, particularly disorders of the breast and/or ovary, including the presence of breast cancer and/or ovarian cancer. This invention relates to the breast/ovarian cancer antigens as well as vectors, host \*cells\*, antibodies directed to breast/ovarian cancer antigens and recombinant and synthetic methods for producing the same. Also provided are diagnostic methods for diagnosing and treating, preventing and/or prognosing disorders related to the female reproductive system, particularly disorders of the breast and/or ovary, including breast cancer and/or

ovarian cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of breast/ovarian cancer antigens of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and/or function of the polypeptides of the present invention.

#### French Abstract

Cette invention porte sur des polynucleotides recemment identifies et associes au cancer du sein et/ou des ovaires, et sur les polypeptides codes par ces polynucleotides et connus collectivement sous le nom <= d'antigenes du cancer du sein/des ovaires >=. L'invention porte egalement sur les sequences geniques completes associees et sur leurs produits d'expression, ainsi que sur l'utilisation de ces antigenes du cancer du sein/des ovaires dans la detection, la prevention et le traitement des pathologies du systeme reproducteur feminin, notamment les pathologies du sein et/ou des ovaires telles que le cancer. Cette invention porte sur les antigenes du cancer du sein/des ovaires ainsi que sur les vecteurs, les cellules hotes, les anticorps diriges contre les antigenes et sur des procedes recombinants et synthetiques de production de ces anticorps. L'invention porte egalement sur des procedes de diagnostic permettant de diagnostiquer et traiter, prevenir et/ou etablir un pronostic de pathologies associees au systeme reproducteur feminin, notamment des pathologies du sein et/ou des ovaires telles que le cancer, et sur des procedes therapeutiques visant a traiter ces pathologies. Cette invention porte en outre sur des procedes de recherche automatique visant a identifier des agonistes et des antagonistes des antigenes du cancer du sein/des ovaires, et sur des procedes et/ou des compositions visant a inhiber la production et/ou la fonction des polypeptides de cette invention.

Legal Status (Type, Date, Text)

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00739884

#### **HUMAN SERPIN PROTEINS**

#### **PROTEINES SERPINES HUMAINES**

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US5082 20000229 (PCT/WO US0005082)

Priority Application: US 99122276 19990301; US 99124094 19990312; US  
99149452 19990818

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C12N-015/12

International Patent Class: C12N-005/10; C12P-021/02; C07K-014/47

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 74132

#### English Abstract

The present invention relates to novel human Serpin polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing human Serpin polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human Serpin polypeptides.

#### French Abstract

L'invention concerne de nouveaux polypeptides serpins humains et des acides nucleiques isoles renfermant les regions de codage des genes codant de tels polypeptides. Elle concerne egalement des vecteurs, des cellules hotes, des anticorps, ainsi que des procedes de recombinaison permettant de produire des polypeptides serpins humains. L'invention se rapporte enfin a des procedes diagnostiques et therapeutiques utilises dans le traitement de troubles associes a ces nouveaux polypeptides serpins humains.

#### Legal Status (Type, Date, Text)

Publication 20000908 A1 With international search report.

Publication 20000908 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20001116 Request for preliminary examination prior to end of 19th month from priority date

**27/5/33 (Item 33 from file: 349)**

DIALOG(R)File 349:PCT Fulltext

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00733357

#### **NON-STOCHASTIC GENERATION OF GENETIC VACCINES AND ENZYMES**

#### **ELABORATION NON STOCHASTIQUE DE VACCINS GENETIQUES ET D'ENZYMES**

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#### Inventor(s):

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#### Patent and Priority Information (Country, Number, Date):

Patent: WO 200046344 A2 20000810 (WO 0046344)

Application: WO 2000US3086 20000204 (PCT/WO US0003086)

Priority Application: US 99246178 19990204

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C12N

Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 168405

English Abstract

This invention provides methods of obtaining novel polynucleotides and encoded polypeptides by use of non-stochastic methods of directed evolution (DirectEvolution

French Abstract

La presente invention concerne des procedes de preparation de nouveaux polynucleotides et de polypeptides codes par des procedes non stochastiques d'evolution dirigee (DirectEvolution

Legal Status (Type, Date, Text)

Publication 20000810 A2 Without international search report and to be republished upon receipt of that report.  
Search Rpt 20001228 Late publication of international search report  
Examination 20010222 Request for preliminary examination prior to end of 19th month from priority date

**27/5/34 (Item 34 from file: 349)**

DIALOG(R) File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00730506 \*\*Image available\*\*

**METALLOPROTEINASE ADAM 22**

**METALLOPROTEINASE ADAM 22**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200043493 A2 20000727 (WO 0043493)  
Application: WO 2000US1586 20000120 (PCT/WO US0001586)  
Priority Application: US 99116927 19990122

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C12N

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 144190

English Abstract

The present invention relates to a novel metalloproteinase protein called ADAM 22. In particular, isolated nucleic acid molecules are provided

encoding the human ADAM 22 proteins. ADAM 22 polypeptides are also provided as are vectors, host \*cells\* and recombinant methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of ADAM 22 activity. Also provided are diagnostic methods for detecting cancer and therapeutic methods for cancer and other disorders characterized by an over or under production of this metalloproteinase.

#### French Abstract

Cette invention concerne une proteine de metalloproteinase dite ADAM 22. En particulier, l'invention concerne des molecules d'acide nucleique codant pour les proteines humaines ADAM 22. Elle s'applique egalement a des polypeptides ADAM 22, a des vecteurs et a des cellules hotes ainsi qu'a des methodes recombinantes relatives a leur obtention. L'invention concerne egalement des procedes de criblage permettant d'identifier des agonistes et des antagonistes de l'activite ADAM 22. Sont egalement traitees des methodes de diagnostic pour la detection du cancer et des methodes therapeutiques pour le cancer et autres pathologies caracterises par une production excessive ou insuffisante de cette metalloproteinase.

#### Legal Status (Type, Date, Text)

Publication 20000727 A2 Without international search report and to be republished upon receipt of that report.  
Publication 20000727 A2 With an indication in relation to deposited biological material furnished under Rule 13bis separately from the description.  
Examination 20001026 Request for preliminary examination prior to end of 19th month from priority date  
Declaration 20001102 Late publication under Article 17.2a

**27/5/35 (Item 35 from file: 349)**

DIALOG(R) File 349:PCT Fulltext

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00727926

#### **HUMAN CHEMOKINE BETA-10 MUTANT POLYPEPTIDES**

#### **POLYPEPTIDES MUTANTS DE CHIMIOKINE BETA-10 HUMAINE**

#### Patent Applicant/Assignee:

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US)

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#### Legal Representative:

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Rockville, MD 20850, US



Patent and Priority Information (Country, Number, Date):

Patent: WO 200040726 A1 20000713 (WO 0040726)  
Application: WO 2000US296 20000107 (PCT/WO US0000296)  
Priority Application: US 99115439 19990108

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C12N-015/17

International Patent Class: C12N-015/00; C12N-015/03; C12N-015/63;  
C07K-014/52; A61K-038/19

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 111052

English Abstract

Human chemokine Beta-10 polypeptides and DNA (RNA) encoding such chemokine polypeptides and a procedure for producing such polypeptides by recombinant techniques is disclosed. Also disclosed are methods for utilizing such chemokine polypeptides for the treatment of leukemia, tumors, chronic infections, autoimmune disease, fibrotic disorders, wound healing and psoriasis. Antagonists against such chemokine polypeptides and their use as a therapeutic to treat rheumatoid arthritis, autoimmune and chronic inflammatory and infective diseases, allergic reactions, prostaglandin-independent fever and bone marrow failure are also disclosed.

French Abstract

La presente invention concerne des polypeptides de chimiokine Beta-10 humaine et l'ADN (ARN) codant pour lesdits polypeptides, ainsi qu'une methode permettant de produire ces polypeptides a l'aide de techniques de recombinaison. L'invention concerne egalement des methodes d'utilisation de ces polypeptides de chimiokine dans le traitement de la leucemie, des infections chroniques, des maladies auto-immunes, des troubles de type fibrose, du psoriasis et dans la cicatrisation de lesions. L'invention concerne en outre des antagonistes diriges contre lesdits polypeptides de chimiokine, ainsi que leur utilisation therapeutique dans le traitement de la polyarthrite rhumatoide, des maladies auto-immunes et des maladies inflammatoires et infectieuses chroniques, des reactions allergiques, de la fièvre independante des prostaglandines et de l'insuffisance medullaire.

Legal Status (Type, Date, Text)

Publication 20000713 A1 With international search report.

Examination 20001005 Request for preliminary examination prior to end of  
19th month from priority date

27/5/36 (Item 36 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00719716 \*\*Image available\*\*

**STIMULATION OF T \*CELLS\* AGAINST SELF ANTIGENS USING CTLA-4 BLOCKING AGENTS**  
**STIMULATION DE LYMPHOCYTES T CONTRE DES AUTO-ANTIGENES AU MOYEN D'AGENTS**  
**BLOQUANTS CTLA-4**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200032231 A1 20000608 (WO 0032231)  
Application: WO 99US28739 19991203 (PCT/WO US9928739)  
Priority Application: US 98110761 19981203

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: A61K-039/395

International Patent Class: A61K-039/00 -48/00; C07K-014/53; A61K-039/395;  
A61K-039:00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 22310

English Abstract

Stimulation of T \*cells\* to respond to self antigens is achieved through a blockade of CTLA-4 signaling. CTLA-4 blocking agents are combined with antigen preparations, either alone or with additional immune response stimulating agents, in costimulation strategies to break immune tolerance and stimulate an enhanced T-\*cell\* response against self antigens. This enhanced response is useful for the treatment of non-immunogenic and poorly-immunogenic tumors, as well as other medical conditions requiring selective tissue ablation.

French Abstract

La stimulation de lymphocytes T en reponse a des auto-antigenes s'obtient par blocage au moyen de la signalisation CTLA-4. On combine des agents bloquants CTLA-4 avec des preparations antigeniques, soit seuls, soit avec d'autres agents stimulant la reponse immunitaire, dans le cadre de strategies de co-stimulation pour rompre la tolerance immunitaire et stimuler et accentuer la reponse des lymphocytes T contre les auto-antigenes. Cette reponse plus marquee est utile pour le traitement de tumeurs non immunogenes ou faiblement immunogenes ainsi que pour diverses pathologies necessitant l'ablation selective de tissus.

Legal Status (Type, Date, Text)

Publication 20000608 A1 With international search report.

Publication 20000608 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

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00716687

31 HUMAN SECRETED PROTEINS

31 PROTEINES HUMAINES SECRETEES

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200029422 A1 20000525 (WO 0029422)  
Application: WO 99US26409 19991109 (PCT/WO US9926409)  
Priority Application: US 98108207 19981112

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C07H-021/02

International Patent Class: C07H-019/00; C07H-021/04; C07H-021/00;  
C12Q-001/68; G01N-033/53; C12P-021/06; C12P-021/08; C12N-015/00;  
C12N-015/09; C12N-015/63; C12N-015/70; C12N-015/74; C07K-001/00;  
C07K-014/00; C07K-017/00; C07K-016/00; A61K-038/00; A01N-061/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 99244

English Abstract

The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host \*cells\*, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

French Abstract

La presente invention concerne de nouvelles proteines humaines secretees et des acides nucleiques isoles contenant les regions codantes des genes codant pour ces proteines. Cette invention concerne egalement des vecteurs, des cellules hotes, des anticorps, et des procedes permettant de produire des proteines humaines secretees par recombinaison. Cette invention concerne enfin des procedes diagnostiques et therapeutiques utilises pour diagnostiquer et traiter les troubles lies a ces nouvelles proteines humaines secretees.

Legal Status (Type, Date, Text)  
Publication 20000525 A1 With international search report.  
Examination 20001005 Request for preliminary examination prior to end of  
19th month from priority date

**27/5/38 (Item 38 from file: 349)**

DIALOG(R) File 349:PCT Fulltext

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00693640

**98 HUMAN SECRETED PROTEINS**

**98 PROTEINES HUMAINES SECRETEES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 0006698 A1 20000210 (WO 200006698)

Application: WO 99US17130 19990729 (PCT/WO US9917130)

Priority Application: US 9894657 19980730; US 9895486 19980806; US  
9895455 19980812

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US

UZ VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT

BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA

GN GW ML MR NE SN TD TG

Main International Patent Class: C12N-001/21;

International Patent Class: C12N-005/10; C12N-015/11; C12N-015/12;

C12N-015/63; A61K-038/16; A61K-038/17; C07K-014/00; C07K-014/435;

C07K-016/00; G01N-033/50;

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 118757

English Abstract

The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

French Abstract

La presente invention concerne de nouvelles proteines humaines secretees, ainsi que des acides nucleiques isolees contenant les regions codantes des genes codant pour ces proteines. L'invention concerne egalement des vecteurs, des cellules hotes, des anticorps, et des methodes de recombinaison permettant de produire les proteines humaines secretees. L'invention concerne enfin des methodes diagnostiques et therapeutiques utilisees dans le traitement de troubles associes a ces nouvelles proteines humaines secretees.

Legal Status (Type, Date, Text)

Examination 20000608 Request for preliminary examination prior to end of 19th month from priority date

27/5/39 (Item 39 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00660397

**ISOLATED STROMAL \*CELLS\* FOR USE IN THE TREATMENT OF DISEASES OF THE CENTRAL NERVOUS SYSTEM**

**CELLULES DU STROMA ISOLEES DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DES MALADIES DU SYSTEME NERVEUX CENTRAL**

Patent Applicant/Assignee:

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PHINNEY Donald G, PHINNEY, Donald, G., 1841 Webster Lane, Maple Glen, PA 19002, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9943286 A2 19990902

Application: WO 99US3897 19990224 (PCT/WO US9903897)

Priority Application: US 9828395 19980224

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM

AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM

GA GN GW ML MR NE SN TD TG

Main International Patent Class: A61K-000/;

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 36109

English Abstract

Methods of treating a human patient having a disease, disorder or condition of the central nervous system are disclosed. The methods include obtaining a bone marrow sample from a human donor, isolating stromal \*cells\* from the bone marrow sample, and administering the isolated stromal \*cells\* to the central nervous system of the human patient, wherein the presence of the isolated stromal \*cells\* in the brain effects treatment of the disease, disorder or condition. Stromal \*cells\* which are isolated may be cultured in vitro, they may be genetically engineered to produce therapeutic compounds, and/or they may be pre-differentiated prior to administration into the central nervous system.

#### French Abstract

L'invention concerne des procedes de traitement d'un patient humain souffrant d'une maladie, de troubles ou d'un etat pathologique du systeme nerveux central. Ces procedes consistent a obtenir un echantillon de moelle osseuse a partir d'un donateur humain, a isoler les cellules du stroma de cet echantillon de moelle osseuse; et a administrer les cellules du stroma isolees au systeme nerveux central du patient humain, la presence des cellules du stroma isolees dans le cerveau permettant le traitement de la maladie, des troubles ou de l'etat pathologique. Les cellules du stroma qui sont isolees peuvent etre cultivees in vitro, elles peuvent etre produites par genie genetique de maniere a obtenir des composes therapeutiques, et/ou elles peuvent etre predifferenciees avant d'etre administrees dans le systeme nerveux central.

Legal Status (Type, Date, Text)

Examination 20000914 Request for preliminary examination prior to end of 19th month from priority date

27/5/40 (Item 40 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00654694 \*\*Image available\*\*

#### A NEW HUMAN TUMOR-ASSOCIATED GENE

#### NOUVEAU GENE HUMAIN ASSOCIE AUX TUMEURS

Patent Applicant/Assignee:

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9937771 A1 19990729

Application: WO 99US1395 19990122 (PCT/WO US9901395)

Priority Application: US 9872126 19980122; US 99234685 19990121

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM

AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM

GA GN GW ML MR NE SN TD TG

Main International Patent Class: C12N-015/12;

International Patent Class: C07K-014/47; C07K-016/18; G01N-033/53;

C12N-005/20; C12Q-001/68; C12N-015/86; C12N-015/11; A61K-031/70;

A61K-038/17; G01N-033/50;

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 48484

#### English Abstract

The present invention describes a novel tumor marker antigen encoded by a

gene designated as HOJ-1 (SEQ ID NO:1). In specific embodiment, the nucleic acid sequences disclosed herein are for use in the diagnosis and prognosis of cancer. Also provided are related protein and antibody compositions and various methods of use thereof, including methods for cancer diagnosis and treatment.

#### French Abstract

La presente invention concerne un nouvel antigene marqueur tumoral code par un gene denomme HOJ-1 (SEQ. ID. NO 1). Dans un mode de realisation specifique, les sequences d'acide nucleique de la presente invention s'utilisent pour le diagnostic et le pronostic du cancer. L'invention concerne egalement des compositions de proteines et d'anticorps associees, ainsi que plusieurs methodes d'utilisation de ces compositions, y compris des methodes de diagnostic et de traitement du cancer.

27/5/41 (Item 41 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00597100

#### COMPOSITIONS FOR TREATMENT OF DISORDERS INVOLVING PROGRAMMED \*CELL\* DEATH COMPOSITIONS DE TRAITEMENT D'AFFECTIONS IMPLIQUANT LA MORT CELLULAIRE PROGRAMMEE

Patent Applicant/Assignee:

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9839429 A2 19980911

Application: WO 98IL102 19980303 (PCT/WO IL9800102)

Priority Application: US 97810712 19970303

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML  
MR NE SN TD TG

Main International Patent Class: C12N-015/11;

International Patent Class: C12N-015/12; C07K-014/47; C12N-009/64;

C12Q-001/68; A61K-048/00;

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 29800

#### English Abstract

Use of a DNA sequence capable of inducing programmed \*cell\* death, in the preparation of a pharmaceutical composition for use in the treatment of a disease or a disorder associated with metastasizing pathological \*cell\* growth. Also described is the use of a DNA sequence capable of promoting non-\*cytokine\*-induced programmed \*cell\* death, in the preparation of a pharmaceutical composition useful in the treatment of a disease or a disorder associated with uncontrolled pathological \*cell\* growth, or in the treatment of a disease or a disorder associated with non-\*cytokine\* induced programmed \*cell\* death.

#### French Abstract

L'invention concerne l'utilisation d'une sequence d'ADN capable d'induire la mort cellulaire programmee, dans la preparation d'une composition pharmaceutique utile dans le traitement d'une maladie ou d'une affection associee a la croissance cellulaire pathologique metastasiente.

L'invention concerne egalement l'utilisation d'une sequence d'ADN capable

de promouvoir la mort cellulaire programmee non induite par des cytokines, dans la preparation d'une composition pharmaceutique utile dans le traitement d'une maladie ou d'une affection associee a une croissance cellulaire pathologique non regulee, ou dans le traitement d'une maladie ou d'une affection associee a une mort cellulaire programmee non induite par des cytokines.

27/5/42 (Item 42 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00577039

**IMPROVED METHODS FOR TRANSDUCING \*CELLS\***  
**METHODES AMELIOREES DE TRANSDUCTION CELLULAIRE**

Patent Applicant/Assignee:

BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM, BOARD OF REGENTS, THE  
UNIVERSITY OF TEXAS SYSTEM, 201 West 7th Street, Austin, TX 78701, US

Inventor(s):

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DONG Zhongyun, DONG, Zhongyun, Houston, TX, US

KUMAR Rakesh, KUMAR, Rakesh, Houston, TX, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9822605 A1 19980528

Application: WO 97US21475 19971119 (PCT/WO US9721475)

Priority Application: US 9631330 19961120

Designated States: CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: C12N-015/85;

International Patent Class: C12N-015/86; C12Q-001/170; C12Q-001/68;

C07K-001/00; A61K-048/00;

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 50515

**English Abstract**

Disclosed are compositions and methods for inhibiting the expression and/or activity of endogenous  $\beta$ -interferon in \*cells\* targeted for transduction with viral vectors, particularly adenoviral vectors. Therefore, also provided are improved methods for treatment of genetically-based diseases by gene therapy. Also disclosed are methods for the treatment of neovascularization-related diseases, for examples, cancer, by the production *in vivo* of angiostatin, which inhibits the formation of new blood vessels. In particular embodiments, this is accomplished by transduction of macrophages *ex vivo* with a GM-CSF gene, thereby inducing the secretion of macrophage metalloelastase, which converts plasminogen to angiostatin. The transduced macrophages, when administered, naturally home to tumor sites to effectively localize the therapeutic effect.

**French Abstract**

Compositions et methodes pour inhiber l'expression et/ou l'activite de l'interferon- $\beta$ ; endogene dans des cellules cibles pour une transduction avec des vecteurs viraux, en particulier avec des vecteurs d'adenovirus. L'invention concerne par consequent egalement des methodes de therapie genique ameliorees pour des maladies genetiques. L'invention porte egalement sur des methodes de traitement des maladies liees a une neovascularisation, par exemple le cancer, par la production *in vivo* d'angiostatine inhibant la formation nouveaux vaisseaux sanguins. Dans des modes de realisation particuliers, ce resultat est obtenu par transduction de macrophages *ex vivo* avec un gene GM-CSF, induisant la secretion de metallo-elastase de macrophage, laquelle convertit le plasminogene en angiostatine. Une fois administres, les macrophages transduits se dirigent naturellement vers les sites tumoraux, realisant un ciblage efficace de l'effet therapeutique.



27/5/43 (Item 43 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00577025 \*\*Image available\*\*

**SURVIVIN, A PROTEIN THAT INHIBITS CELLULAR APOPTOSIS, AND ITS MODULATION  
LA SURVIVINE, PROTEINE INHIBANT L'APOPTOSE CELLULAIRE, ET SA MODULATION**  
Patent Applicant/Assignee:

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06510 , US

Inventor(s):

ALTIERI Dario C, ALTIERI, Dario, C. , 100 Reservoir Street, Hamden, CT  
06517 , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9822589 A2 19980528

Application: WO 97US21880 19971120 (PCT/WO US9721880)

Priority Application: US 9631435 19961120

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU  
ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES  
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD  
TG

Main International Patent Class: C12N-015/12;

International Patent Class: C07K-014/47; C07K-016/18; C12Q-001/68;

G01N-033/53; G01N-033/68; A61K-038/17; A61K-048/00;

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 25920

#### English Abstract

The present invention provides the amino acid of a protein that inhibits cellular apoptosis, herein termed the Survivin protein and nucleic acid molecules that encode Survivin. Based on this disclosure, the present invention provides isolated Survivin protein, isolated Survivin encoding nucleic acid molecules, methods of isolating other members of the Survivin family of proteins, methods for identifying agent that blocks Survivin mediated inhibition of cellular apoptosis, methods of using agent that block Survivin mediated inhibition or Survivin expression to modulate biological and pathological processes, and methods of assaying Survivin activity.

#### French Abstract

La presente invention concerne l'acide amine d'une proteine inhibant l'apoptose cellulaire, appelee ici proteine Survivine et des molecules d'acide nucleique codant la Survivine. Sur la base de cette divulgation, la presente invention fait etat d'une proteine Survivine isolee, de molecules d'acide codant la Survivine isolee, de procedes d'isolement d'autres membres de la famille de proteines Survivine, de procedes d'identification d'agents bloquant l'inhibition, induite par la Survivine, de l'apoptose cellulaire, de procedes d'utilisation d'agents bloquant l'inhibition induite par la Survivine ou l'expression de la Survivine pour moduler des processus biologiques et pathologiques, et de procedes d'evaluation de l'activite de la Survivine.

27/5/44 (Item 44 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00522680 \*\*Image available\*\*

**METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF CANCER**

**METHODES ET COMPOSITIONS POUR DIAGNOSTIQUER ET TRAITER DES CANCERS**

Patent Applicant/Assignee:

BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM

CLAYMAN Gary L

Inventor(s):

CLAYMAN Gary L

Patent and Priority Information (Country, Number, Date):

Patent: WO 9720047 A1 19970605

Application: WO 96US19083 19961127 (PCT/WO US9619083)

Priority Application: US 957810 19951130

Designated States: AL AM AT AU BA BB BG CA CH CN CU CZ DE DK EE ES FI GB GE

HU IL IS JP KE KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT

RO RU SD SE SG TJ TM TR TT UA UG US UZ KE LS MW SD SZ UG AM AZ BY KG KZ

MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI

CM GA GN ML MR TD TG

Main International Patent Class: C12N-015/12;

International Patent Class: A61K-048/00;

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 30031

**English Abstract**

Methods for the treatment of squamous \*cell\* carcinoma using a p53-expressing viral vector are disclosed. In particular embodiments, the vector is a replication-deficient adenovirus. In addition, there are provided methods for examining the development and treatment of microscopic residual disease in the context of post-surgical environments and in body cavities.

**Japanese Abstract**

L'invention concerne des methodes de traitement de carcinomes spino-cellulaire, dans lesquelles on utilise un vecteur viral exprimant p53. Dans des formes d'execution speciales, le vecteur est un adenovirus incapable de se multiplier. En outre, l'invention concerne des methodes permettant de suivre l'evolution et le traitement de maladies microscopiques residuelles apres une intervention chirurgicale, ainsi que dans des cavites du corps.

**27/5/45 (Item 45 from file: 349)**

DIALOG(R)File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00500569

**\*IMMORTALIZED\* \*EPITHELIAL\* TUMOR \*CELL\***

**CELLULE TUMORALE EPITHELIALE \*IMMORTALISEE\***

Patent Applicant/Assignee:

MICROMET GMBH

DICKMANNS Achim

FANNING Ellen

PANTEL Klaus

RIETHMULLER Gerhard

Inventor(s):

DICKMANNS Achim

FANNING Ellen

PANTEL Klaus

RIETHMULLER Gerhard

Patent and Priority Information (Country, Number, Date):

Patent: WO 9700946 A1 19970109

Application: WO 96EP2747 19960624 (PCT/WO EP9602747)

Priority Application: EP 95109860 19950623

Designated States: AL AM AU AZ BB BG BR BY CA CN CZ EE GE HU IL IS JP KE KG

KP KR KZ LK LR LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ TM TR

TT UA UG US UZ LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK

ES FI FR GB GR LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: C12N-005/10;  
International Patent Class: C07K-016/30; A61K-039/00; A61K-039/395;  
G01N-033/53;  
Publication Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 9469

#### English Abstract

The present invention relates to \*epithelial\* tumor \*cells\* with metastatic potential which have integrated in their genome or another replicative genetic element at least one externally introduced \*immortalizing\* \*oncogene\* and optionally at least one gene encoding an immunostimulatory factor which are expressed in such tumor \*cells\*. The invention further relates to antibodies which specifically recognize the \*epithelial\* tumor \*cells\* of the invention, to processes for the production of said tumor \*cells\* as well as pharmaceutical and diagnostic compositions comprising said tumor \*cells\* and antibodies, respectively. Finally the present invention relates to the use of the \*epithelial\* tumor \*cells\* and/or antibodies of the invention for the preparation of tumor vaccines and medicaments for the prophylaxis and/or treatment of cancer and/or the metastasis of cancer.

#### Japanese Abstract

L'invention se rapporte a des cellules tumorales epitheliales ayant un potentiel metastatique qui ont integre dans leur genome ou dans un autre element genetique de repetition au moins un \*oncogene\* \*immortalisant\* introduit de facon externe et eventuellement au moins un gene codant un facteur immunostimulateur, qui sont exprimes dans de telles cellules tumorales. En outre, l'invention se rapporte a des anticorps reconnaissant specifiquement les cellules tumorales epitheliales de cette invention, a des procedes pour la production desdites cellules tumorales ainsi qu'a des compositions pharmaceutiques et de diagnostic comportant respectivement lesdites cellules tumorales et lesdits anticorps. Enfin, l'invention decrit l'utilisation des cellules tumorales epitheliales et/ou anticorps pour la preparation de vaccins antitumoraux et de medicaments pour la prophylaxie et/ou le traitement du cancer et/ou de la metastase du cancer.

27/5/46 (Item 46 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00427857 \*\*Image available\*\*

#### **NEW PHARMACEUTICALS FOR MODULATING HORMONE RESPONSIVENESS NOUVEAUX COMPOSES PHARMACEUTIQUES POUR MODULER LA CAPACITE DE REPONSE AUX HORMONES**

Patent Applicant/Assignee:

DEDHAR Shoukat  
ST-ARNAUD Rene

Inventor(s):

DEDHAR Shoukat  
ST-ARNAUD Rene

Patent and Priority Information (Country, Number, Date):

Patent: WO 9623001 A1 19960801  
Application: WO 95CA664 19951123 (PCT/WO CA9500664)  
Priority Application: US 95377432 19950124

Designated States: AL AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE  
HU IS JP KE KG KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK TT UA UG US UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FR  
GB GR IE IT LU PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: C07K-014/575;  
International Patent Class: C07K-007/04; A61K-038/22; C12N-015/16;  
Publication Language: English  
Fulltext Availability:

English Abstract

This invention relates to isolated and purified proteins, such as calreticulin and mimetics and inhibitors of calreticulin, for a novel use of modulating hormone responsiveness. These proteins are useful in gene therapy and in manufacturing pharmaceuticals for treating a variety of diseases, including cancer, osteoporosis and chronic inflammatory disease. The proteins include or bind to an amino acid sequence KXFFYR, wherein X is either G, A or V and Y is either K or R. This sequence is present in the DNA-binding domain, and is critical for the DNA binding activity, of a variety of hormone receptors, including glucocorticoid receptor, mineralocorticoid receptor, androgen receptor, progesterone receptor, estrogen receptor, retinoic acid receptor, thyroid hormone receptor and vitamin D receptor. Proteins which bind to this sequence may inhibit hormone receptor induced gene transcription. Proteins which include this sequence may promote hormone receptor induced gene transcription. The invention includes isolated DNA molecules for these proteins, methods of treating diseases using these proteins, synthetic peptides and their mimetics, and kits containing these proteins, synthetic peptides or their mimetics.

Japanese Abstract

L'invention concerne des proteines isolees et purifiees, telles que la calreticuline et les elements mimetiques ou inhibiteur de la calreticuline, pour une utilisation nouvelle dans la modulation de la capacite de reponse aux hormones. Ces proteines sont utiles en therapie genique et dans la fabrication de preparations pharmaceutiques servant a traiter une variete de maladies, dont le cancer, l'osteoporose et les maladies inflammatoires chroniques. Ces proteines comprennent ou se fixent a une sequence d'acides amines KXFFYR, dans laquelle X est G, A ou V et Y est K ou R. Cette sequence est presente dans le domaine de fixation a l'ADN et est critique pour l'activite de fixation a l'ADN d'une variete de recepteurs d'hormones, en particulier du recepteur de glucocorticoides, du recepteur de mineralocorticoides, du recepteur des androgenes, du recepteur de la progesteron, du recepteur des oestrogenes, du recepteur de l'acide retinoique, du recepteur des hormones thyroidiennes et du recepteur de la vitamine D. Les proteines qui se fixent a cette sequence peuvent inhiber la transcription genique induite par un recepteur d'hormone. Les proteines qui comprennent cette sequence peuvent favoriser la transcription genique induite par un recepteur d'hormone. Cette invention concerne egalement les molecules d'ADN isolees pour ces proteines, des procedes pour traiter des maladies a l'aide de ces proteines, des peptides synthetiques et leurs elements mimetiques, ainsi que des kits comprenant ces proteines, ces peptides synthetiques ou leurs elements mimetiques.

27/5/47 (Item 47 from file: 349)

DIALOG(R) File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00369843 \*\*Image available\*\*

**MESOTHELIAL \*CELL\* GENE THERAPY**

**THERAPIE GENIQUE UTILISANT LES CELLULES MESOTHELIALES**

Patent Applicant/Assignee:

BETH ISRAEL HOSPITAL ASSOCIATION

Inventor(s):

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JACKMAN Robert William

NAGY Janice Ann

Patent and Priority Information (Country, Number, Date):

Patent: WO 9500654 A1 19950105

Application: WO 94US6809 19940615 (PCT/WO US9406809)

Priority Application: US 9380474 19930618

Designated States: AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
Main International Patent Class: C12N-015/85;  
International Patent Class: C12N-015/18; C12N-005/10; A61K-048/00;  
Publication Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 18797

#### English Abstract

Methods and pharmaceutical compositions for modifying the mesothelial \*cells\* of a mammalian recipient in situ are provided. The methods include forming a mesothelial \*cell\* expression system in vivo or ex vivo and administering the expression system to the mammalian recipient (by way of the body cavities normally lined by mesothelial \*cells\*). The mesothelial \*cell\* expression system is useful for the localized and systemic delivery of therapeutic agents in situ.

#### Japanese Abstract

L'invention se rapporte a des procedes et a des compositions pharmaceutiques permettant la modification in situ des cellules mesotheliales d'un receveur mammifere. Ces procedes comprennent la formation d'un systeme d'expression de la cellule mesotheliale in vivo ou ex vivo et l'implantation dudit systeme au receveur mammifere (par la voie des cavites corporelles normalement tapissees de cellules mesotheliales). Le systeme permettant l'expression de la cellule mesotheliale est utile pour la liberation localisee et systemique d'agents therapeutiques in situ.

27/5/48 (Item 48 from file: 349)

DIALOG(R) File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00330864

**DIAGNOSTIC AND/OR THERAPEUTIC AGENTS, TARGETED TO NEOVASCULAR ENDOTHELIAL \*CELLS\***

**AGENTS DIAGNOSTIQUES ET/OU THERAPEUTIQUES CIBLES SUR DES CELLULES ENDOTHELIALES NEOVASCULAIRES**

Patent Applicant/Assignee:

BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM  
IMPERIAL CANCER RESEARCH TECHNOLOGY  
THORPE Philip E  
BURROWS Francis J

Inventor(s):

THORPE Philip E  
BURROWS Francis J

Patent and Priority Information (Country, Number, Date):

Patent: WO 9317715 A1 19930916

Application: WO 93US1956 19930305 (PCT/WO US9301956)

Priority Application: US 92846349 19920305

Designated States: AT AU BB BG BR CA CH CZ DE DK ES FI GB HU JP KP KR LK LU  
MG MN MW NL NO PT RO RU SD SE SK UA US AT BE CH DE DK ES FR GB GR IE IT  
LU MC NL PT SE CF CG CI CM GA GN ML MR SN TD TG

Main International Patent Class: A61K-047/48;

International Patent Class: A61K-049/00; A61K-049/02;

Publication Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 35038

#### English Abstract

The present invention relates generally to methods and compositions for targeting the vasculature of solid tumors using immunologically-based reagents. In particular aspects, antibodies carrying diagnostic or therapeutic agents are targeted to the vasculature of solid tumor masses

through recognition of tumor vasculature-associated antigens, or through the specific induction of endothelial \*cell\* surface antigens on vascular endothelial \*cells\* in solid tumors.

#### Japanese Abstract

L'invention concerne des procedes et des compositions de ciblage du systeme vasculaire de tumeurs solides au moyen de reactifs immunologiques. Dans certains modes de realisation, des anticorps porteurs d'agents diagnostiques ou therapeutiques sont cibles sur le systeme vasculaire de masses tumorales solides par reconnaissance d'antigenes associes au systeme vasculaire de tumeurs, ou par induction specifique d'antigenes de surface de cellules endotheliales sur des cellules endotheliales vasculaires dans des tumeurs solides.

27/5/49 (Item 49 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
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00296204

#### A NOVEL ONCO-FETAL GENE, GENE PRODUCT AND USES THEREFOR NOUVEAU GENE ONCO-FOETAL, PRODUIT GENETIQUE ET UTILISATIONS

Patent Applicant/Assignee:

RESEARCH DEVELOPMENT FOUNDATION

Inventor(s):

MACLEOD Carol L

Patent and Priority Information (Country, Number, Date):

Patent: WO 9206218 A1 19920416

Application: WO 91US7237 19911001 (PCT/WO US9107237)

Priority Application: US 90590894 19901001

Designated States: AT AU BE CA CH DE DK ES FI FR GB GR IT JP KR LU NL NO SE  
SU

Main International Patent Class: C12Q-001/68;

International Patent Class: C07H-015/12;

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8597

#### English Abstract

The present invention provides a novel cDNA sequence (Pem), a gene product protein, and uses for this novel cDNA sequence and the Pem gene product. The DNA sequence and recombinant DNA molecules of this invention are characterized in that each codes for a novel protein having the following characteristics: (1) is expressed by T-lymphoma \*cells\*, (2) is not expressed in normal thymus, activated spleen \*cells\*, gut associated lymphoid tissue, or bone marrow, and is not detectable in adult brain, liver, large intestine or ovary, (3) is expressed in \*immortalized\* or cancerous \*cell\* lines, and (4) is expressed in embryonic development.

#### Japanese Abstract

L'invention decrit une nouvelle sequence d'ADNc (Pem), une proteine de produit genetique, ainsi que les utilisations de cette nouvelle sequence d'ADNc et du produit genetique de Pem. La sequence d'ADN et les molecules d'ADN de recombinaison decrites par l'invention, sont caracterisees par le fait que chacune code une nouvelle proteine possedant les caracteristiques suivantes: (1) elle est exprimee par les cellules du T-lymphome, (2) elle n'est pas exprimee dans les cellules normales du thymus, les cellules activees de la rate, le tissu lymphoide associe a l'intestin ou la moelle osseuse et n'est pas detectable dans le cerveau adulte, le foie, le gros intestin et les ovaires, (3) elle est exprimee dans les lignes cellulaires \*immortalisees\* ou cancreuses, et, (4) elle est exprimee dans le developpement embryonnaire.

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